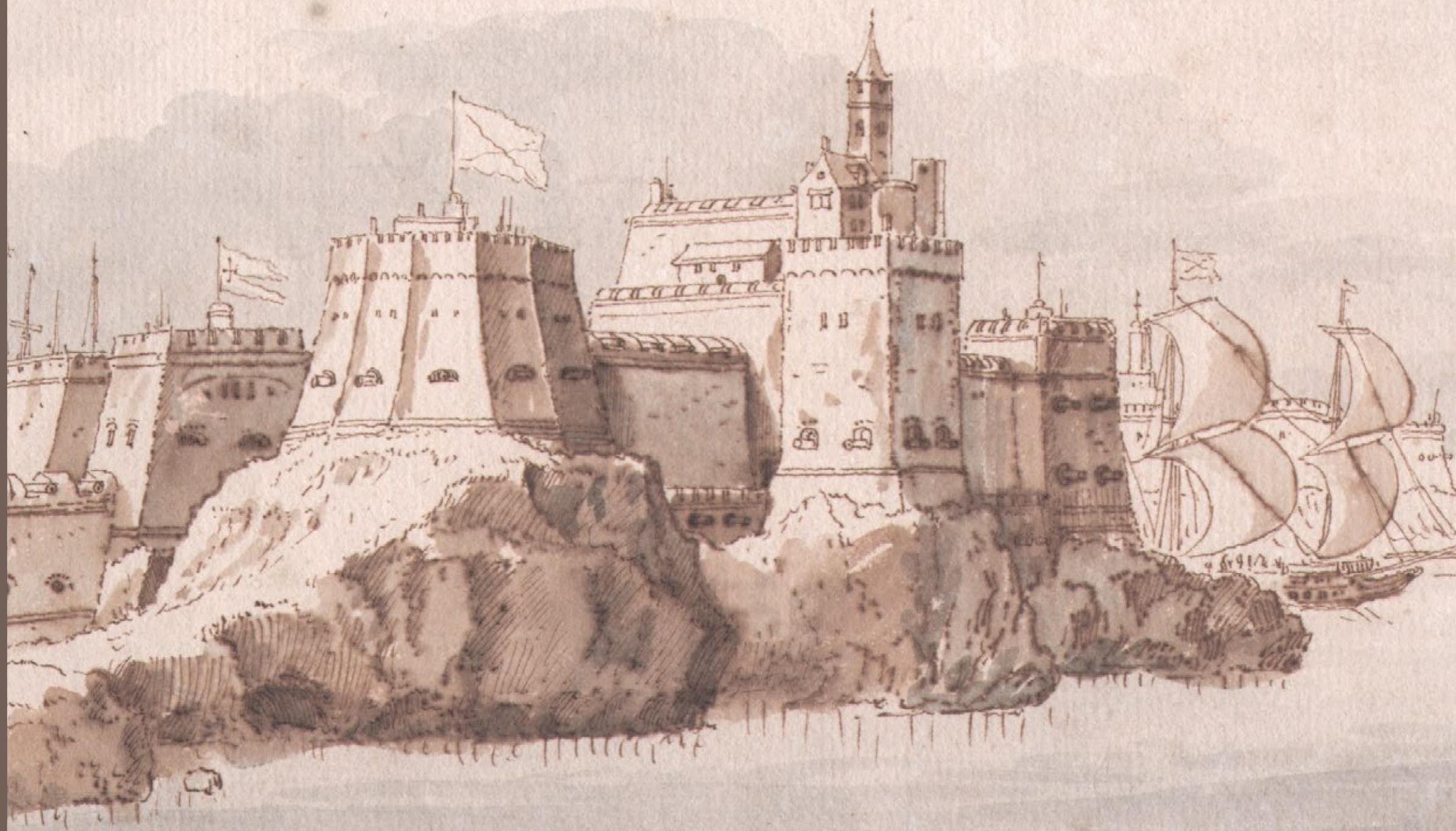


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Fortification & siegcraft V



# *Fortification & Siegecraft V*

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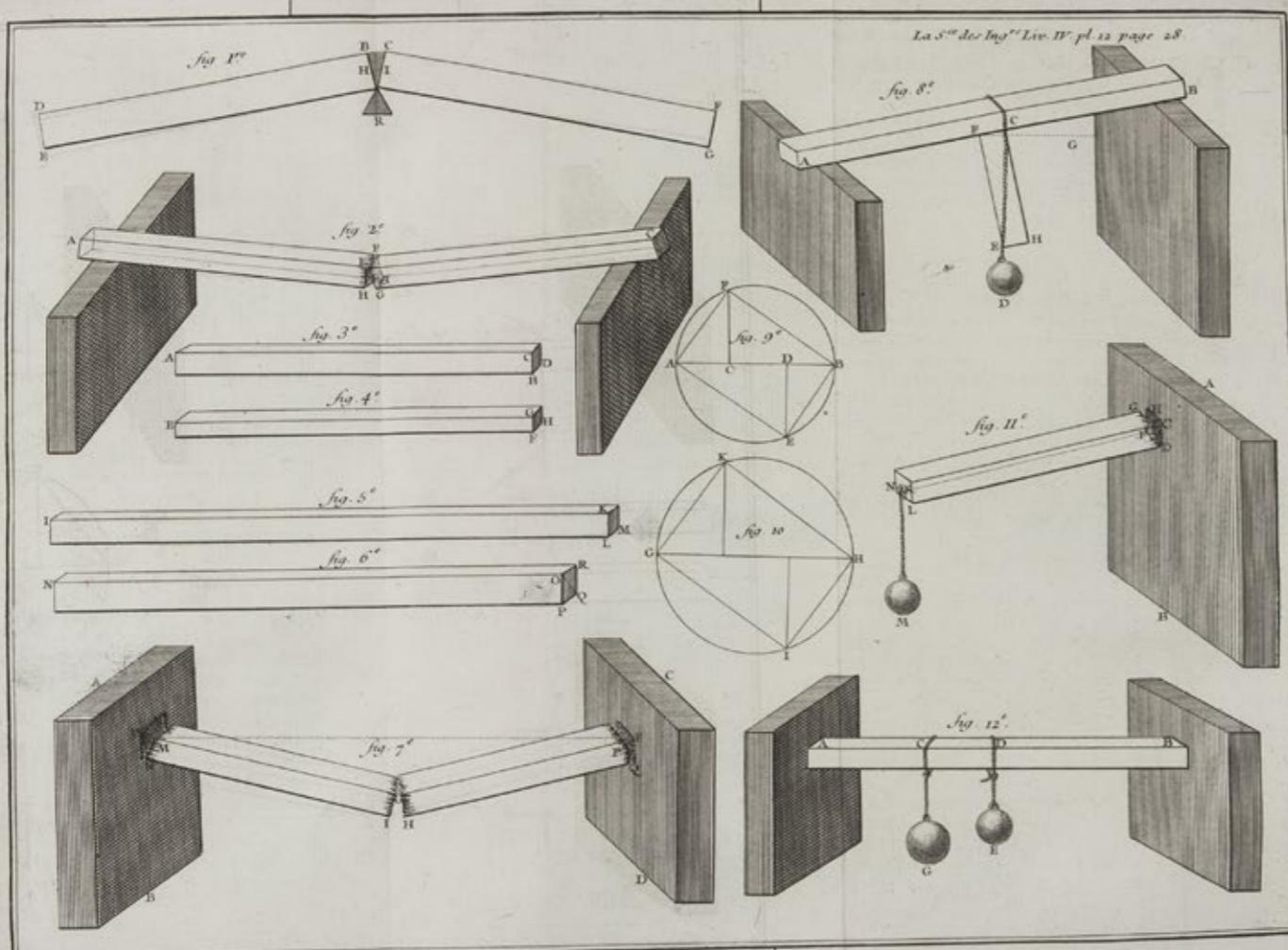
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*First issue of the first edition of an important work on military and civic architecture, with 53 engraved plates*

I. BÉLIDOR, **Bernard Forest de**. La science des ingénieurs dans la conduite des travaux de fortification et d'architecture civile.

Paris, Claude Jombert, 1729. 4°. With an engraved frontispiece by Rigault, title-page printed in red and black, engraved headpiece by Filloœul at the head of the dedication, and 53 engraved plates (51 folding), mostly after drawings by Comte Thomassin. Contemporary calf, gold-tooled spine.

€ 1250



First issue of the first edition of a work on military and civil architecture, written by the French engineer Bernard Forest de Bélidor (1698–1761). The book opens with a dedication to the French king Louis XV, a preface by the author and an approbation. The book is divided into six “books”, dealing with the theory of mechanics, masonry and the construction of vaults and arches; properties of materials (including for the first time the soil), planning and construction of urban and military service buildings, decoration and ornaments (an entire section is devoted to the five orders of columns), surveying and estimated costs. Included at the end is a table of contents.

With the bookplate of “J&A Leupen” on paste-down, and the bookplate, inscription and 2 stamps of “Boekerij A.P.M. de Kluijs, Tilburg”. Title-page slightly thumbed, text leaves and plates in very good condition, with only occasionally a small spot or stain or some minor thumbing. Binding rubbed, slightly damaged at the head of the spine.

[16], 80; 64; 96; 104; 80; 80, [8] pp. BAL 237; Jähns, p. 1745; Jordan 0219; not in Sloos, Warfare. [More on our website](#)

## *Second edition of a highly innovative work on Dutch fortification*

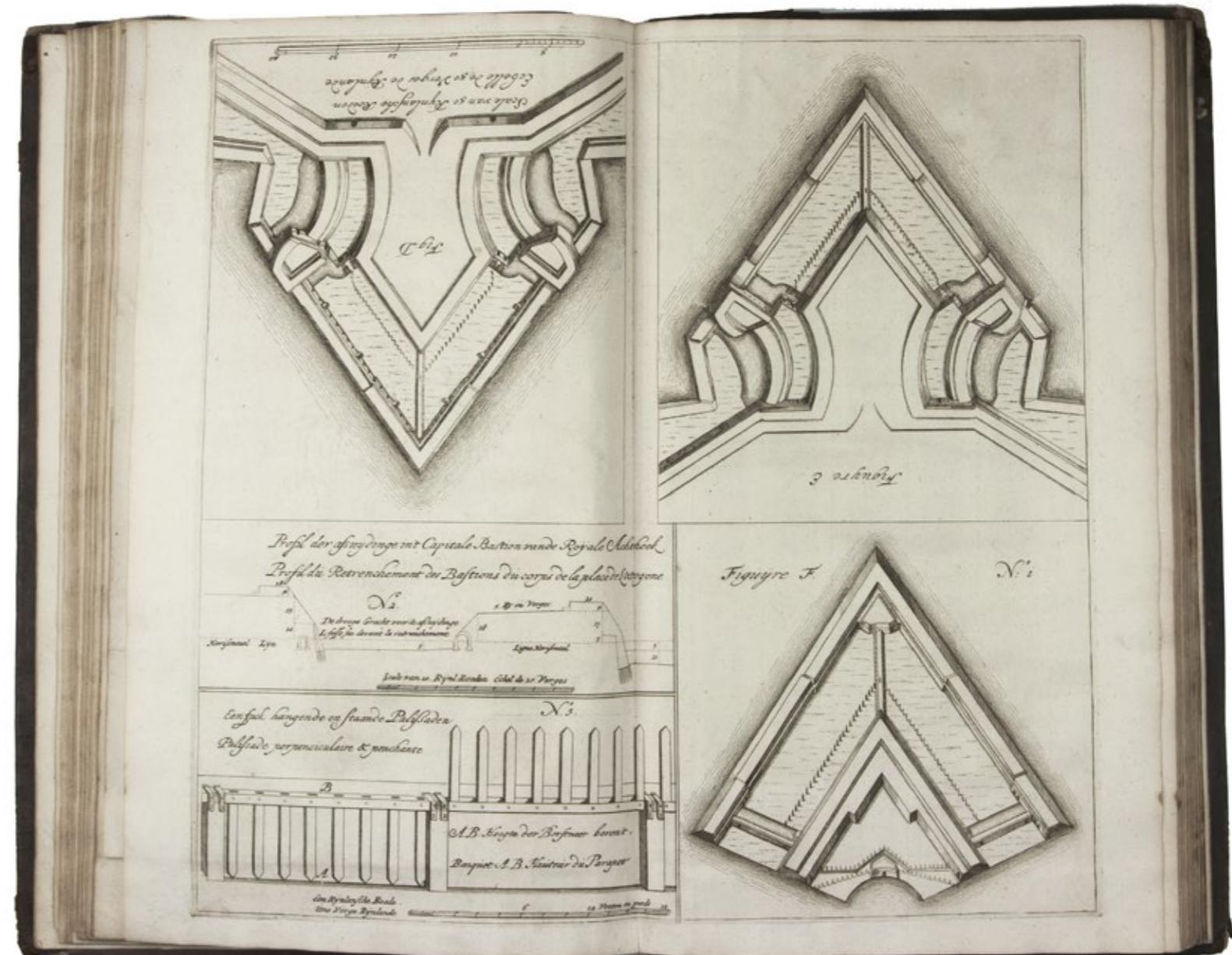
**3. COEHOORN, Menno van.** Nieuwe vestingbouw, op een natte of lage horisont; welke op driederleije manieren getoont word in 't fortificeren der binnengrote van de Fransche royale seshoek...

Leeuwarden, heirs and widow of Hendrik Rintjes, 1702. 2°. With 12 (of 14) engraved plates, including 6 folding and 3 double-page. Contemporary calf, with blind-stamped centrepiece on both sides. € 1250

Second edition of the most important work on fortification by Menno van Coehoorn (1641–1704), Frisian artillery officer and military engineer. It introduced a new Dutch manner of fortification and siege warfare, covering both defence and offence, and challenged the approach that had been established by Sébastien Le Prestre de Vauban (1633–1707) in France. Though developed in part to suit the level terrain of the Low Countries, his fortification techniques and his more active deployment of troops in the defence of fortifications revolutionized warfare internationally and the present work was translated into English (1705), French (1706), German (1708) and even Russian (1710).

Binding rubbed along the extremities, top and bottom of spine damaged. Lacking two engraved plates, but otherwise in very good condition: only slightly browned with a few small spots.

[16], 181, [2], [1 blank] pp. Jordan 0740; STCN 157287297. [More on our website](#)



*A great classic of Dutch fortification, with a new plate added for this edition*

**4. COEHOORN, Menno van.** Nouvelle fortification, tant pour un terrain bas et humide, que sec et élevé, représentée en trois manières sur le contenu intérieur de l ‘exagone à la Françoise, ...

Wesel, Jacob von Wesel [printed by Johann Kattepoel or his heirs, or possibly by a printer in the Netherlands], 1706. 8°. With 14 (of 15) engraved folding plates. Contemporary vellum. € 1500

Second French edition of one of the greatest classics of the art of fortification, in the same year as the first French edition but with an additional plate, by the Master General of the artillery Menno van Coehoorn. The new plate added for the present edition shows about 165 tiny figures, numbered 1–145, A–P and about 4 unnumbered, and the text of the “avertissement” refers to these numbers and letters. While the Dutch had established themselves as the greatest masters of fortification during the Eighty Years’ War for Dutch independence from Spain, the art did not stand still after peace came temporarily in 1648. Although a few Dutch engineers spoke out for reform, the Frenchman Sébastien Le Prestre de Vauban (1633–1707) was to dominate the field with his fortifications, defensive and especially offensive strategies. Van Coehoorn (1641–1704), his only major rival, took a very different approach, more practical than theoretical, with his great fortification manual in 1685. He deployed troops more actively in the defence of fortifications and tailored his designs and strategies to the particular features of the site.

With library stamps. Further with a tear in one plate, occasional spotting and small stains, but otherwise in very good condition. Second French edition, adding a new plate with about 165 figures, of a classic of Dutch fortification.

[38], 261, [1] pp. plus plates. Jähns, p. 1385; Jordan 742 (14 plates); Sloos, Warfare 8076 (14 plates); not in STCN.  More on our website



*Fortification ca. 1645, including 16 fine drawings  
of barriers, tools and other equipment,  
with 3 other manuscripts on applied mathematics  
including many line diagrams and 2 sundials*

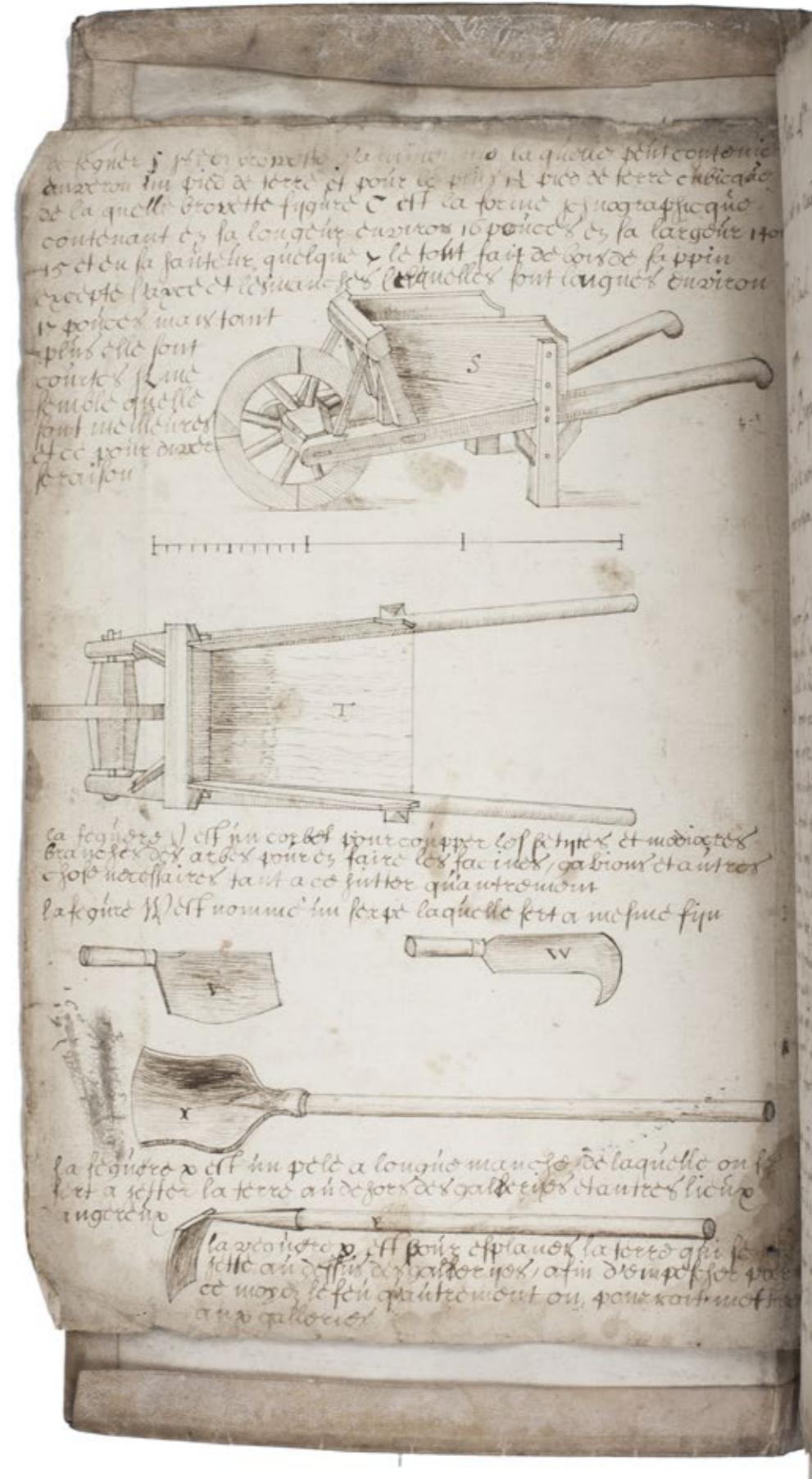
**6. [FORTIFICATION & APPLIED MATHEMATICS].** [4 manuscripts on fortification building, practical mathematics, navigation, the surveying of land and dikes, and sundials].

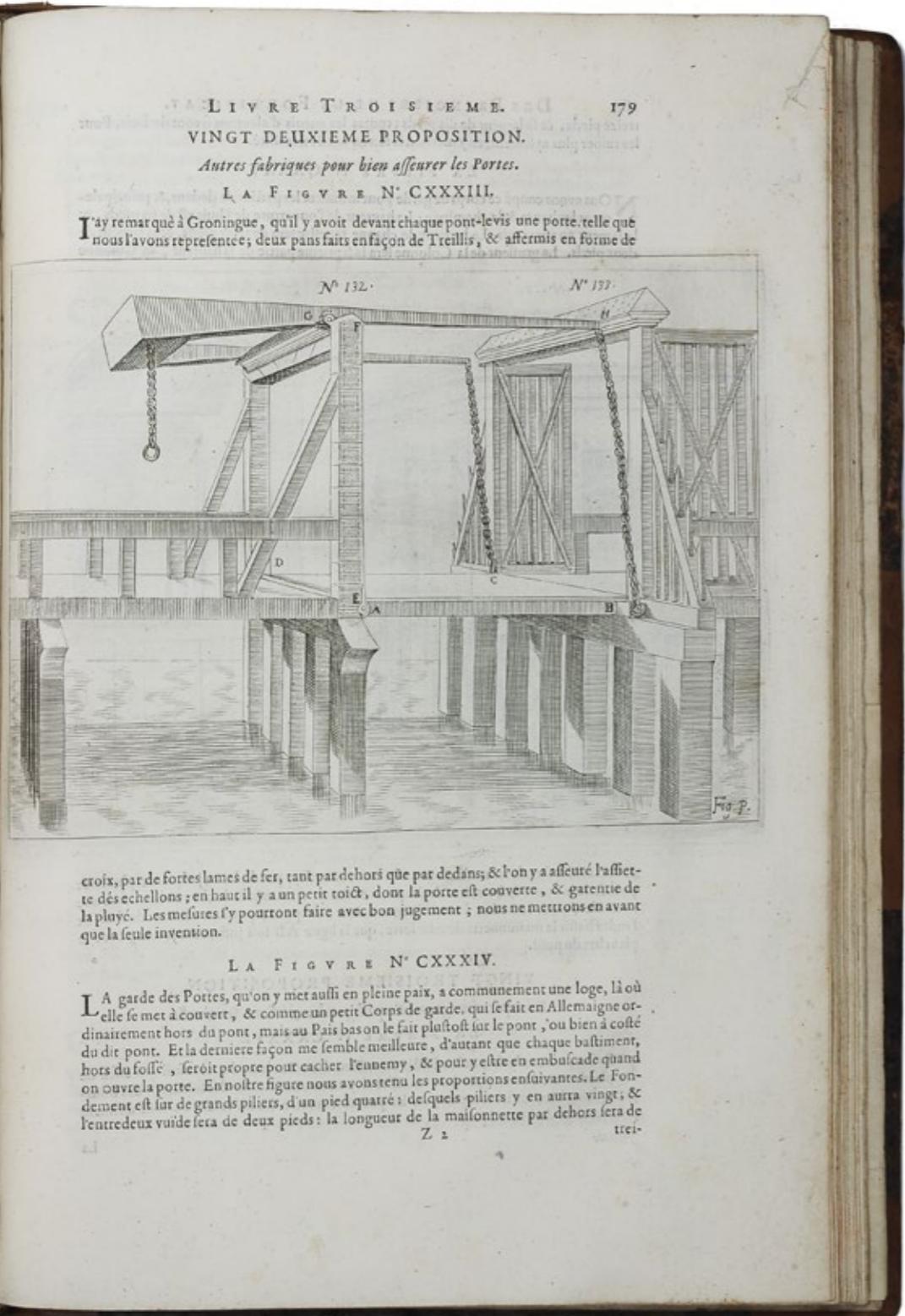
[The Netherlands, ca. 1645–ca. 1747]. 4 manuscripts. 2° (binding 38 × 22 cm; leaves 33 × 21 cm). 4 manuscripts (mostly in Dutch, but 1 in Latin and another partly in French) written in brown ink on laid paper in 4 different hands (plus a few later additions), the earliest with 16 skilfully executed illustrations of wooden barricades and tools and equipment for building fortifications, the others illustrated with line diagrams including 2 sundials. Loosely inserted in later limp sheepskin parchment (ca. 1794?). € 2250

A collection of four manuscripts (plus two additional leaves) devoted to fortification (beautifully illustrated with 16 pen and ink drawings of barriers and building tools and equipment); plain and solid geometry and its applications, with problems and solutions, possibly from an examination (with 14 line diagrams plus 2 on an added leaf); maritime navigation, triangulation, determination of longitude, compass corrections and correcting a course for currents, with problems and solutions, possibly from an examination (with about 50 line diagrams); and the surveying of land and dikes and the conversion of measurements, with problems and solutions, possibly from an examination (with a double-page sundial, and a similar sundial on an added leaf).

Manuscript 2 lacks 2 or possibly more leaves of text, in ad 4 the added leaf with the full-page sundial has a tear into the sundial and a large transparent brown stain. Many of the leaves have tattered edges or small stains. In spite of these defects, the manuscripts form valuable primary sources for education in applied mathematics. The splendid drawings in ad 1, with extensive accompanying text, provide very detailed information about barriers used against enemy infantry and cavalry ca. 1645, and about the tools and other equipment used to build fortifications at that time, and the two sundials in the ca. 1747 manuscript are especially interesting.

 [More on our website](#)





## *Illustrated instructions for drawing fortification plans and perspective views, printed by the Elzeviers*

### 7. GOLDMANN, Nicolaus. *La nouvelle fortification ...*

Leiden, Bonaventura & Abraham Elzevier, 1645. 2º. With architectural title-page engraved by Adriaen Matham, 52 half-page engravings plus about 42 repeats in the text, and numerous letterpress tables in the text. Contemporary(?) mottled calf. Rebacked and with restorations in sheepskin. € 3500

First French edition (with the engraved title-page new for this edition) of an instruction manual for designing fortifications, with an emphasis on drawing their plans, profiles, perspective views, etc., first published in Latin (also by the Elzeviers) in 1643 using the same illustration plates. Most of the illustrations show fortification plans, profiles, elevations, etc., including many details, but they also include plain and solid geometrical diagrams, drafting instruments, bridges and military buildings. Many of the plans include a scale. The book, dedicated to the Dutch Stadholder and Prince of Orange Frederick Hendrick, shows the Leiden Elzeviers at their high point, with stunning woodcut decorations and initials, and good presswork. Nicolaus Goldman (1611–1665) was born in Breslau but studied in Leiden and settled there permanently, teaching military engineering.

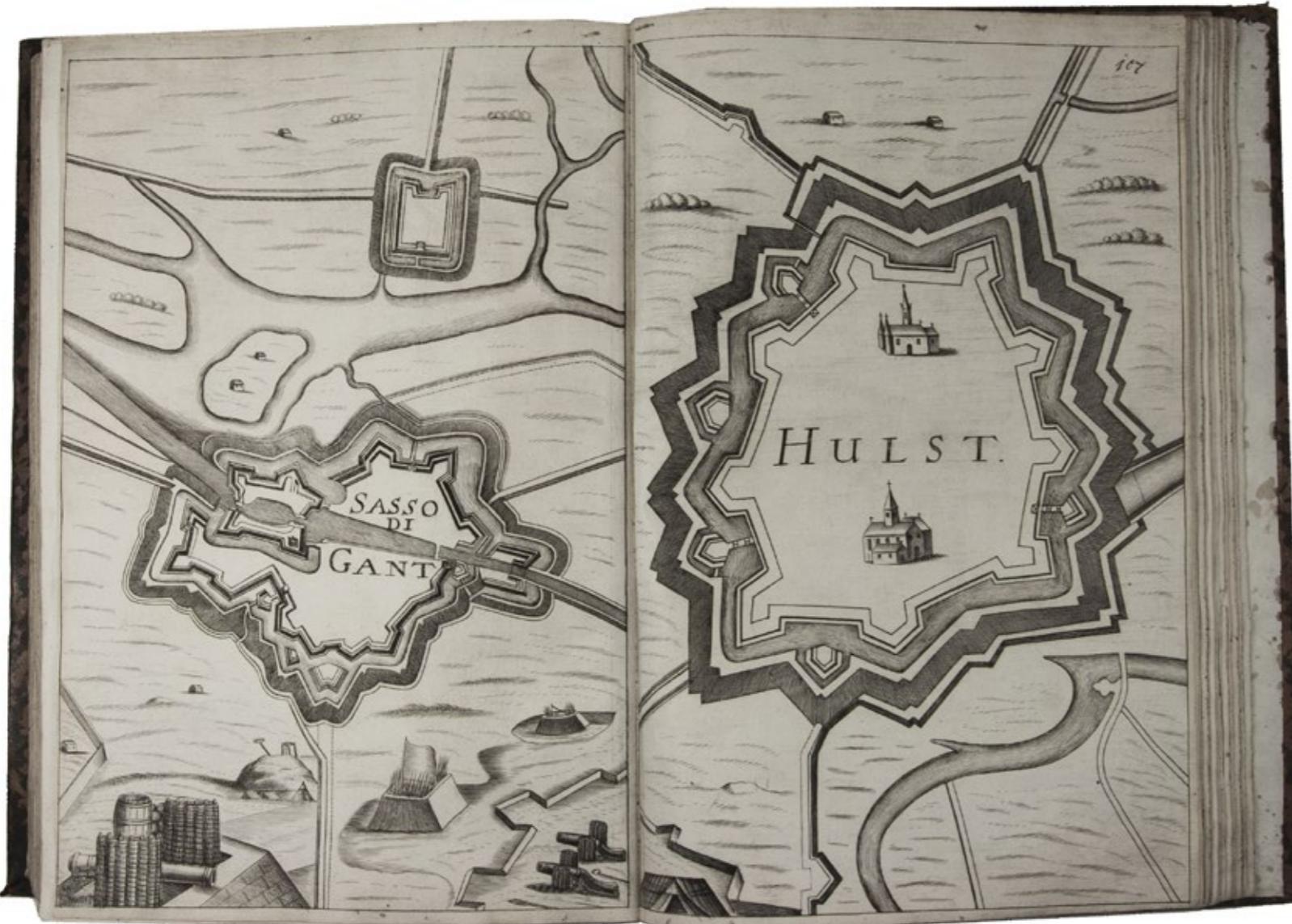
With the late 19th-century bookplate of Château de Rosny-sur-Seine, near Paris. Part of the Rosny library was sold in 1837, but the present book was not. With small worm holes in 5 leaves, some occasional minor foxing or a minor marginal tear or stain, but otherwise in very good condition. The binding has been rebacked and patched, probably at an early date. An instruction manual for drawing fortification plans and perspective views, and a nice example of the Elzeviers' book production.

[16], 224 pp. Berlin Kat. 3527; Jordan 1469 (6 copies); Sloos, Warfare 8026; STCN (6 copies). [More on our website](#)

## *Italian fortification atlas of the Low Countries*

**8. GUALDO PRIORATO, Galeazzo.** Teatro del Belgio ò sia descritione delle diecisei provincie del medesimo; con le piante delle città, e fortezze principali; da chi al presente possesse; come, in qual modo, & in qual tempo acquistate.

Vienna, Michael Thurnmayer, 1673. 2°. With engraved frontispiece with the coat-of-arms of all Seventeen Provinces, engraved military scene on the title-page, folding engraved map of the Low Countries, 2 folding engraved views of a sea-battle and an army crossing the Rhine, and 120 double-page engraved fortification plans. Contemporary mottled sheepskin, gold-tooled spine. € 5000



Italian edition, Thurnmayer issue (one of two simultaneous issues), of a fortification atlas of the Low Countries, published in the same year in German as *Schau-platz desz Niederlandes*. The 120 plans are well engraved and show the fortifications of all important cities and towns. The majority are copies after Blaeu and Beaulieu. They are preceded by a geographical and historical description.

It was written by Galeazzo Gualdo Priorato (1606–1678), a notable Italian military officer, tactician, diplomatist and military draughtsman. He fought against the Spanish under the command of Prince Maurits of Nassau. As the author is Italian it can be presumed that this edition preceded the German. Wormholes in the first five leaves and the last three maps, dampstain to the first 10 leaves, restorations to the back of the frontispiece, the folding map partly restored, but still with a tear along a fold, but with most of the plans still in very good condition. Wormholes in the spine, one hinge partly cracked, top of the spine damaged and the binding heavily rubbed in general.

[14], 148, [6] pp. text ICCU 001020; P.H. Meurer, "Das niederländischen Städtebuch des Galeazzo Gualdo Priorato" in: Quaerendo XII, pp. 199–220; cf. Sloos, Warfare 15046 (German ed.); not in Jordan. [More on our website](#)

D E  
STELLING VAN AMSTERDAM.

EENE MILITaire STUDIE

DOOR

J. H. KROMHOUT,

RIDDER DER ORDE VAN DEN NEDERLANDSCHEN LEEUW, KAPITEIN BIJ DEN GENERALEN STAF.

MET EEN ATLAS INHOUDENDE XXXVIII PLATEN.

Brief van Van Bevernick aan den Hand-  
pensionaris J. de Witt.

Den voorslag van Amsterdam bevalt mij wonder wel, ende  
tek oordeele die stadt bijkans onnemelijck, Indien sy niet  
en vervalt door wanordre off faamwhartigheit . . . .  
H. v. BEVERNICK.  
Zutphen, den 10 Junij 1672.



AMSTERDAM,  
C. L. BRINKMAN.  
1871.

*Planning Amsterdam's lines of defence*

**10. KROMHOUT, Joachim Hendrik.** De stelling van Amsterdam. Eene militaire studie ...

Amsterdam, C.L. Brinkman, 1871. 1 (of 2 volumes). 8°. Contemporary half cloth.

€ 100

First edition of a work on Amsterdam's lines of defence, by Joachim Hendrik Kromhout (1835–1897). The “stelling” of the title is a 135 km long arc around Amsterdam in which 42 forts were built from 1880 to 1920. The present publication predates the first building by almost ten years, discussing the intended mapping of the line and the locations of the various forts, also including the estimated building costs of each fort. These fortifications are now a UNESCO World Heritage site.

With bookplate and library stamp. Lacking the atlas volume with 38 plates. Title-page and margins browned, upper corner of page 233/234 torn, and some minor foxing throughout, otherwise a very good copy. Binding only slightly rubbed along the extremities.

311, [1 blank], [3], [1 blank] pp. *WorldCat (6 copies); not in Jordan.* [More on our website](#)

## *French account of the Siege of Candia (Heraklion) in first edition with engraved fortification plan*

II. [LA FEUILLADE, François Aubusson de]. Journal de l'expédition de Monsieur de la Feuillade, pour le secours de Candie. Par un volontaire.

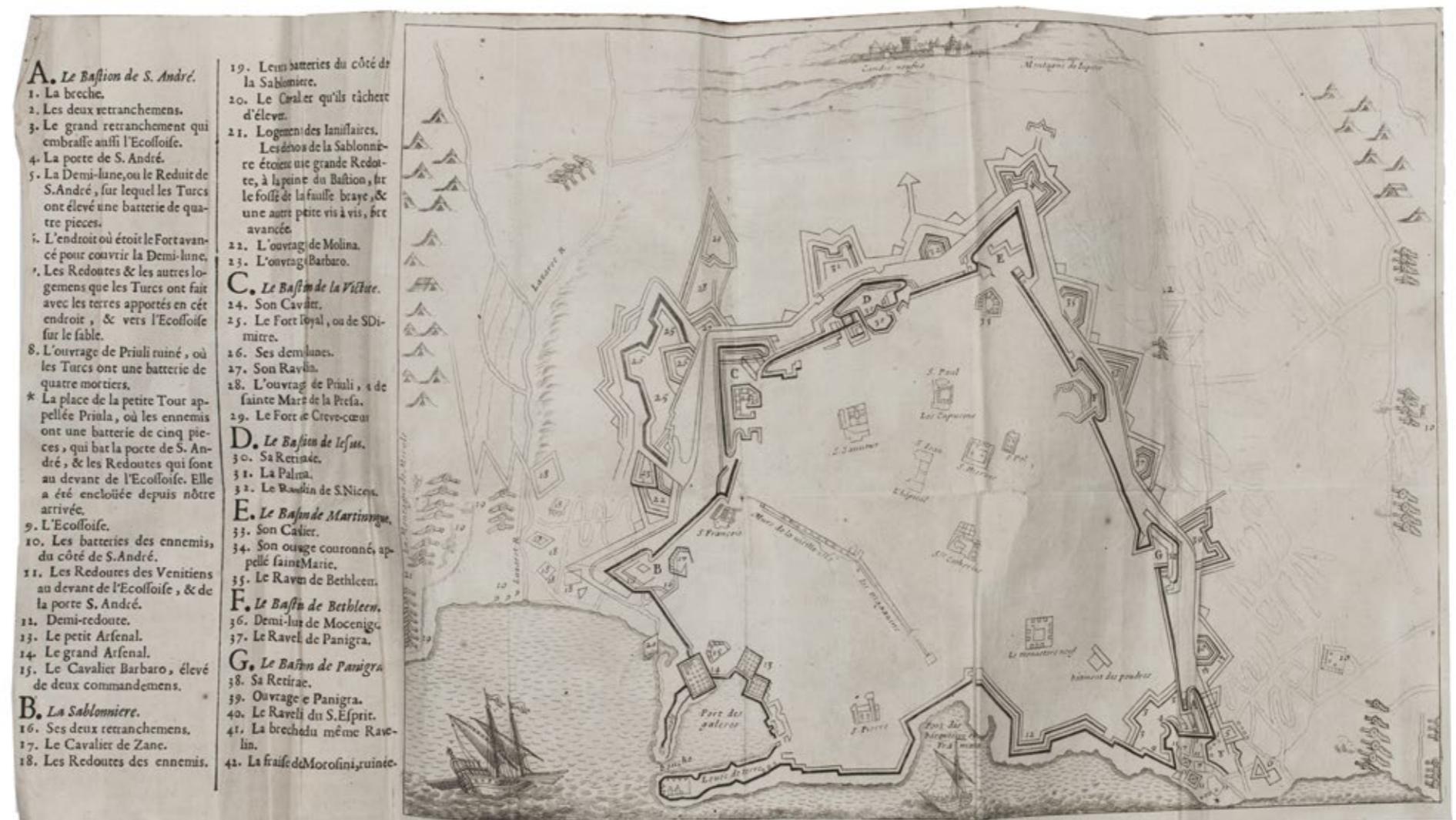
Lyon, Jean Thioly, 1669. 12°. With woodcut printer's device on title-page, some woodcut initials and head-and tailpieces and 1 engraved folding plan of the fortification of Candia (20 x 28.5 cm). Contemporary calf, gold-tooled spine and sprinkled edges. € 4750

Rare first edition of a journal of an expedition to Candia (Heraklion), Greece, commanded by François d'Aubusson, duc de la Feuillade (1625–1691), to help the Venetians during the Siege of Candia (1645–1669) against the Ottoman Empire. De la Feuillade had already fought the Ottoman forces at the battle of St. Gothard in 1664 and volunteered to help. With assistance from Pope Clement IX he equipped 500 men at his own expense. The journal was written as a letter by a volunteer on the expedition.

With ownerships inscription on first fly-leaf "Ex-libris Stephani... estie, 1670". Very good copy.

[8], 198, [2] pp. Blackmer 859; Goldsmith, BMC STC French E-575; WorldCat (3 copies); for La Feuillade: NBG XXVIII, cols. 731–733.

[More on our website](#)



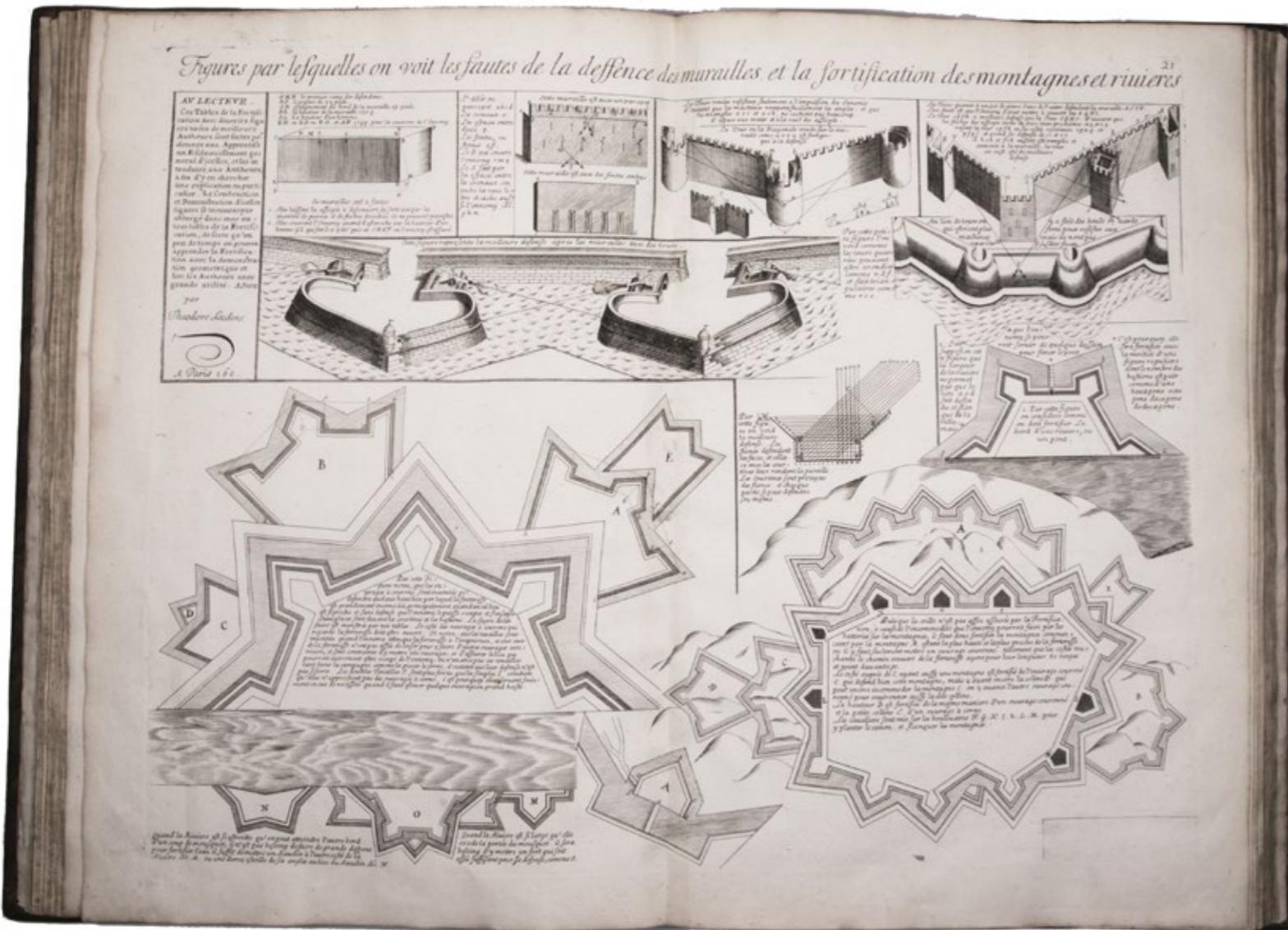
## 17th-century engraved book on mathematics & fortification

**12. LUDERS, THEODORIC.** Traicté mathematique contenant les principales definitions, problemes et theoremes d'Euclide. l'Arithmetique decimale. . . . La fortification Hollandoise. Francoise. Italienne. Et Espagnolle.

Paris, [Jean Jombert], 1680. With engraved title-page, engraved table, and 34 numbered engraved plates (11 double-page).

With: (2) **LUDERS, THEODORIC.** Traité d'arithmetique contenant les reigles necessaires aux marchands, banquiers, changeurs, &c. financiers: . . .

Paris, [Jean Jombert], 1680. 2 works in 1 volume. Large 2° (50x34.5 cm). Contemporary mottled calf, richly gold-tooled spine (rebacked with original backstrip laid down). € 9500



Second edition of a beautiful wholly engraved book on practical mathematics, fortification, mensuration, weights and monetary values of the Netherlands, France, Italy and Spain. The first work, with hundreds of engraved geometric figures and diagrams; fortification plans, elevations, cross-sections and perspective views, and tables, covers geometry, arithmetic, trigonometry, mensuration and fortification. The second work expands the first's brief account of arithmetic and adds sections on weights, measures and monetary units for France, Italy, the Low Countries, England, Germany and Spain.

The plates appear to have been originally produced and sold separately, as most plates have their own address, and one is dated 1664. Luders appears to have first published the *Arithmetique* in 1663 and the *Mathematique* in 1664. Another undated edition appeared ca. 1684.

Small restored tear in the second title-page, slightly browned along the edges and some occasional minor spots. Binding restored and rebacked with original backstrip laid down. A good copy of a beautiful engraved book on mathematics and fortification.

Goldsmith BMC STC French L2095 & L2096; Graesse IV, p. 290; not in Honeywell; Kress; Norman Library; Osler. [More on our website](#)



*Pictorial guide to war,  
with more than 400 full-page illustrations:  
with one of the six “books” devoted to the Ottoman Empire*

13. MANESSON MALLET, Allain. *De werken van Mars of De konst des oorlogs.* Verdeeld in drie deelen. ...

Amsterdam, Joannes & Gillis Janssonius van Waesberg & comp., 1686. 6 “books” in 3 volumes, bound as 1. 8°. With 3 engraved title-pages, more than 400 full-page engraved illustrations. Lacking 1 leaf (including 1 engraved illustration). 18th-century(?) mottled calf, gold-tooled spine. € 3500

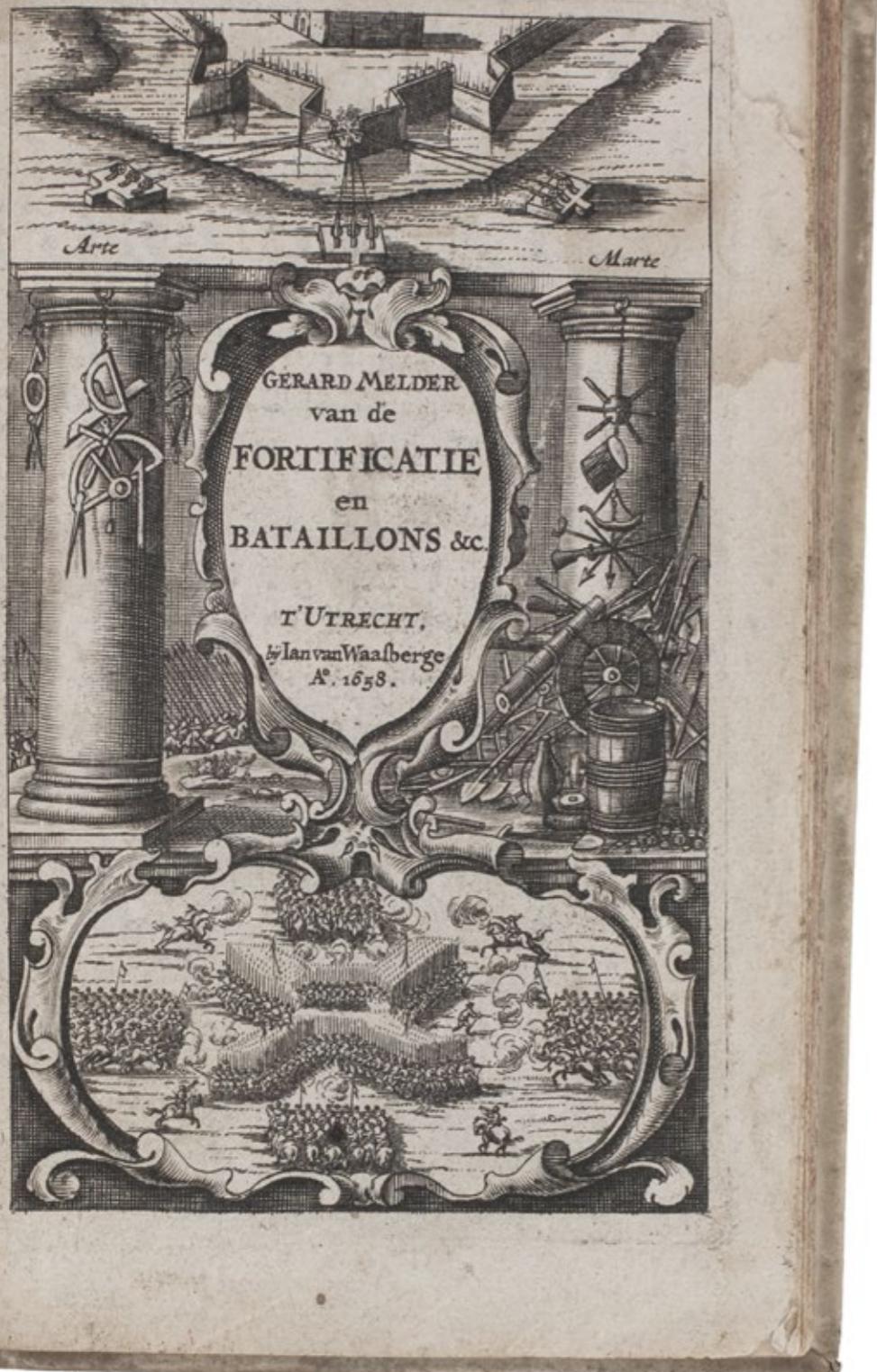
Rare second Dutch edition (expanded with more than 100 new engravings) of a pictorial guide to every aspect of war, with more than 400 full-page engraved illustrations, each accompanied by a page of text on the facing page. It was first published in French in 1672 and translated into Dutch in the same year. The illustrations show numerous fortification plans of cities in many different lands (most plans also include a war or fortification scene or city view at the foot of the page), but also firearms, artillery, other weapons, armour, barracks, the manufacture of arms and ammunition, troop manoeuvres, and more. The sixth and final “book” (with 24 full-page engraved illustrations) is devoted to the Ottoman arts of war, especially topical at this date, since the Ottomans nearly took Vienna in 1683 and lost Budapest only in the year of publication, 1686.

With owner’s name and bookplate. Lacking 1 leaf as noted, with occasional offsetting from the engravings and an occasional minor spot, water stain, tear or hole, but still in good condition. The front hinge is cracked, with some of its supports broken, the back hinge worn, and the head and foot of the spine, and the label damaged, but the binding is otherwise good.

[24], 383, [1 blank]; [2 blank], [10], 352; [16], 406, [2 blank] pp. *Sloos, Warefare 1008; STCN (2 copies); cf. Jähns, pp. 1060–1061.*

[More on our website](#)

## *Rare richly illustrated text book on fortification*



**14. MELDER, Gerard.** Korte en klare instructie van regulare en irregulare fortificatie, met hare buyten-wercken. Te gebruycken defensive en offensive. Een compagnie, een regiment, een leger te voet en te peert te logeren, en in verscheyde soorte van bataillons te stellen... By gevoegt 50 lustige questien, met hare solutien.

*Including: MELDER, Gerard.* Appendix aen de instructie vande fortificatie en bataillons, met een korte wederlegginge der sustenu van H. Ruse over de hedendaeghsche fortificatie.

Utrecht, Jan van Waesberge, 1658. 2 parts in 1 volume. 8°. With engraved title-page, letterpress title-page, 13 woodcut folding fortification plans, and numerous woodcut illustrations and figures in text. Contemporary vellum. € 2500

Very rare first edition of a popular, richly illustrated text book on fortification by Gerard Melder, including the *Appendix* (mentioned on the title-page), containing the author's answer to his Amsterdam colleague Ruse discussing the proper system of fortification fit for education. The end of the first part gives 50 problems for the pupils to solve.

In 1654 Henrick Ruse, engineer of the fortifications and head of the battalion at Amsterdam, published his *Versterckte vesting*, in which he broke with the traditional views of fortification as presented by Freitag and Marolois. In answer to Ruse, Gerard Melder, director of the fortifications and the battalion of the city of Utrecht, published the present "Short and clear instruction" in which he clearly taught and illustrated the well-tried Dutch system of fortification, with which the Dutch had won their war against Spain. Ruse answered this with *Aenwijsinge der misverstanden van G. Melder*, published in 1658, to which Melder again responded with the present *Appendix*.

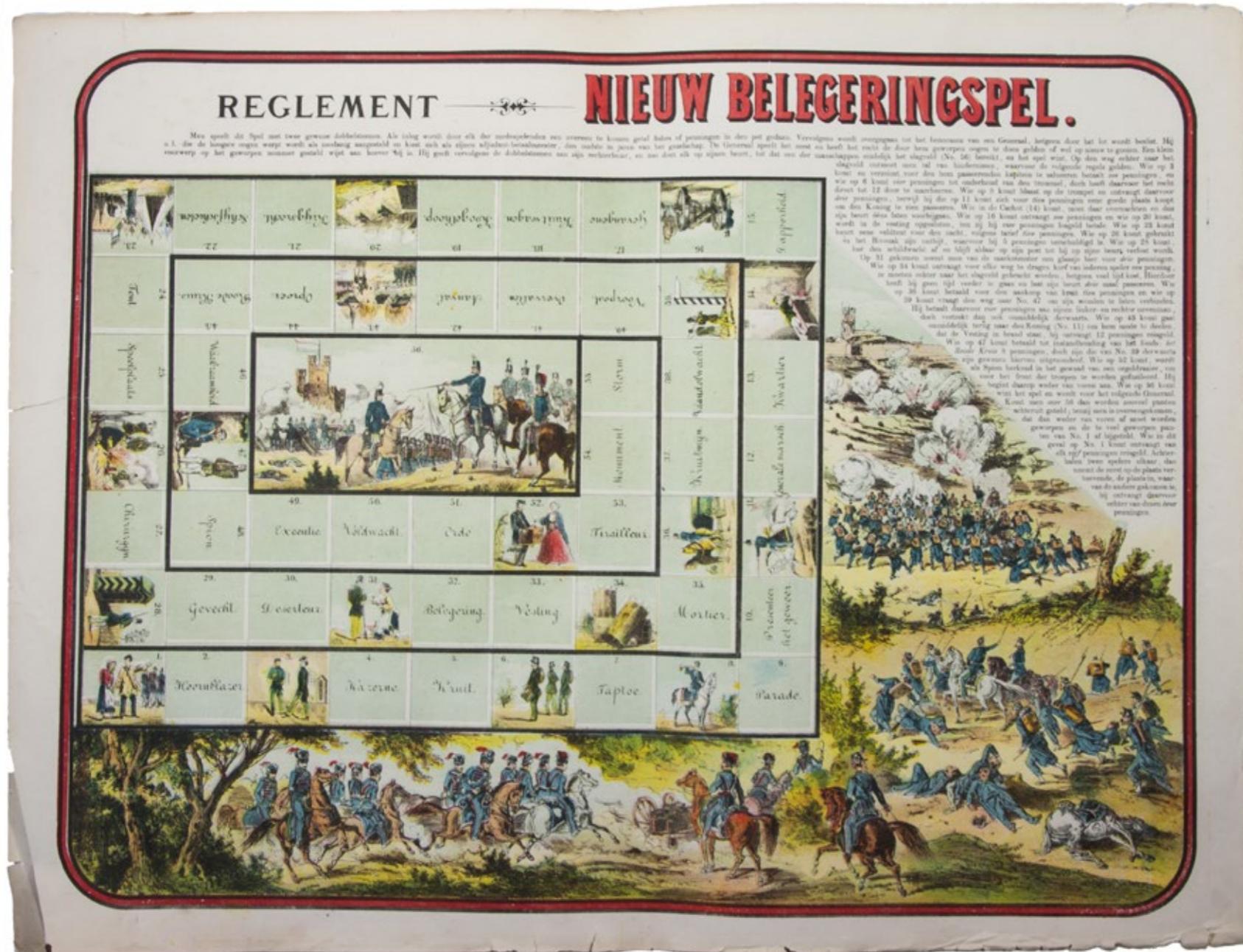
Frontispiece slightly soiled and small corner torn off, faint water stain on title-page and some occasional minor foxing. Otherwise a very good copy of the rare first edition.

[12], 208, [4]; 40 pp. *Bierens de Haan* 3139 (Amsterdam issue?); *Jordan* 2459; *STCN* 402200144 (1 copy, outside the Netherlands); *WorldCat* (3 copies); cf. *Bierens de Haan* 3140 (1664 appendix); for Ruse and Melder see: *Jähns*, pp. 1339–1341. [More on our website](#)

## New siege game

### 15. [MILITARY-BOARD GAME]. Nieuw belegeringspel.

[Amsterdam, ca. 1880]. Large chromolithographed plate (46 x 60 cm), with a board game consisting of 56 squares, with at the head and on the upper right the rules of the game, and at the foot and lower right an illustration of a field battle. € 200



Rare chromolithographed board game named Nieuw belegeringspel ("new siege game"). The game is to be played with two dice and some chips (or real money), and the goal is to win the battle by reaching the 56th square. Along the way the players face obstacles and may receive or have to pay "money".

Slightly frayed around the extremities, otherwise in very good condition.

NCC (1 copy). [More on our website](#)

## *Splendid ink and colour wash view of Valetta in Malta*

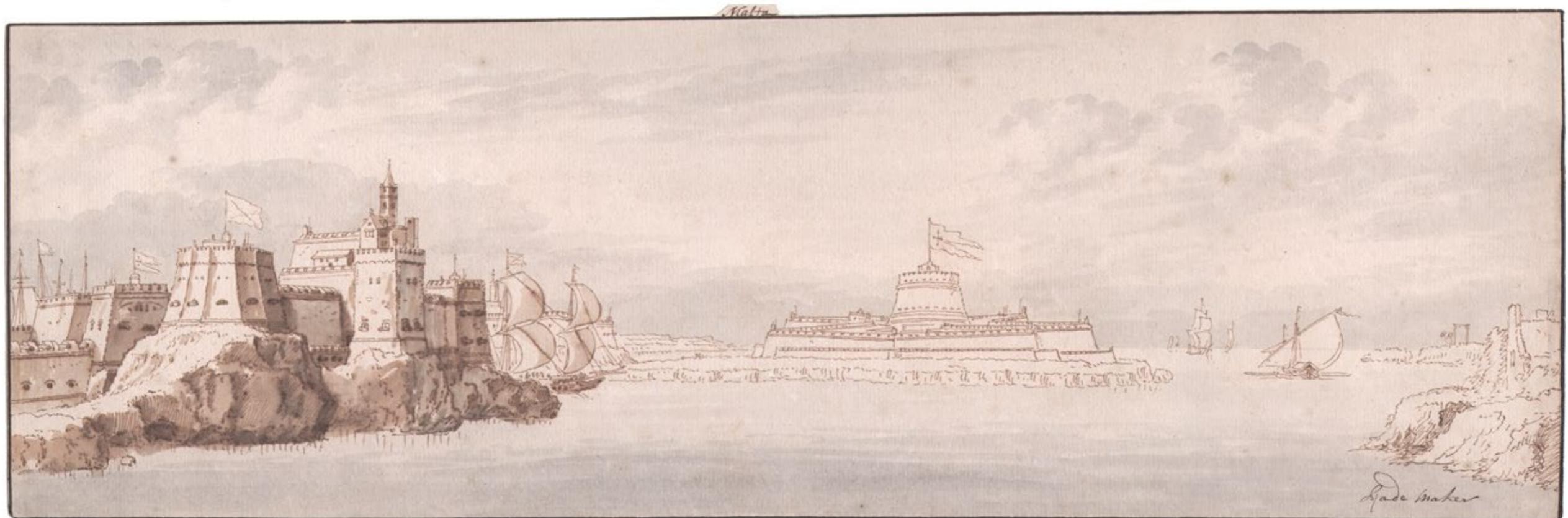
**16. RADEMAKER, [Gerard?].** Malta. [View of the castle, fortifications and harbour of Valetta].

[Malta(?), ca. 1700?]. 14 × 44 cm. Ink and colour wash drawing, signed in the lower right corner: "Rademaker". Mounted in a rice-paper window kept under passe-partout. € 12 500

Beautiful and detailed watercolour drawing, drawn in brown ink with grey and brown washes. The fortifications are rendered in a very careful and detailed way. The view is probably drawn from the peninsula Floriana, part of the city of Valetta, with the fortification Manoel at left and the fortification Tigné in the centre, both with the flags of the Order of the Knights of St. John flying on the towers and ships in full sail leaving the harbour for the open sea. Above the border at the centre is written "Malta".

Cut down to the border (except for a tab left at the top for the title), but in fine condition, with only a couple small spots in the sky.

 [More on our website](#)



## *Rare and luxurious work on securing fortifications against the rising firepower*

**17. REDELYKHEID, Cornelis.** De nieuwe versterkte facen en flancquen, of Verhandeling om de facen ... bestendiger ... te doen zyn ... Opgesteld ten nutte der krygsbouwkunde, en derzelver min of meer gevorderde bearbeiders.

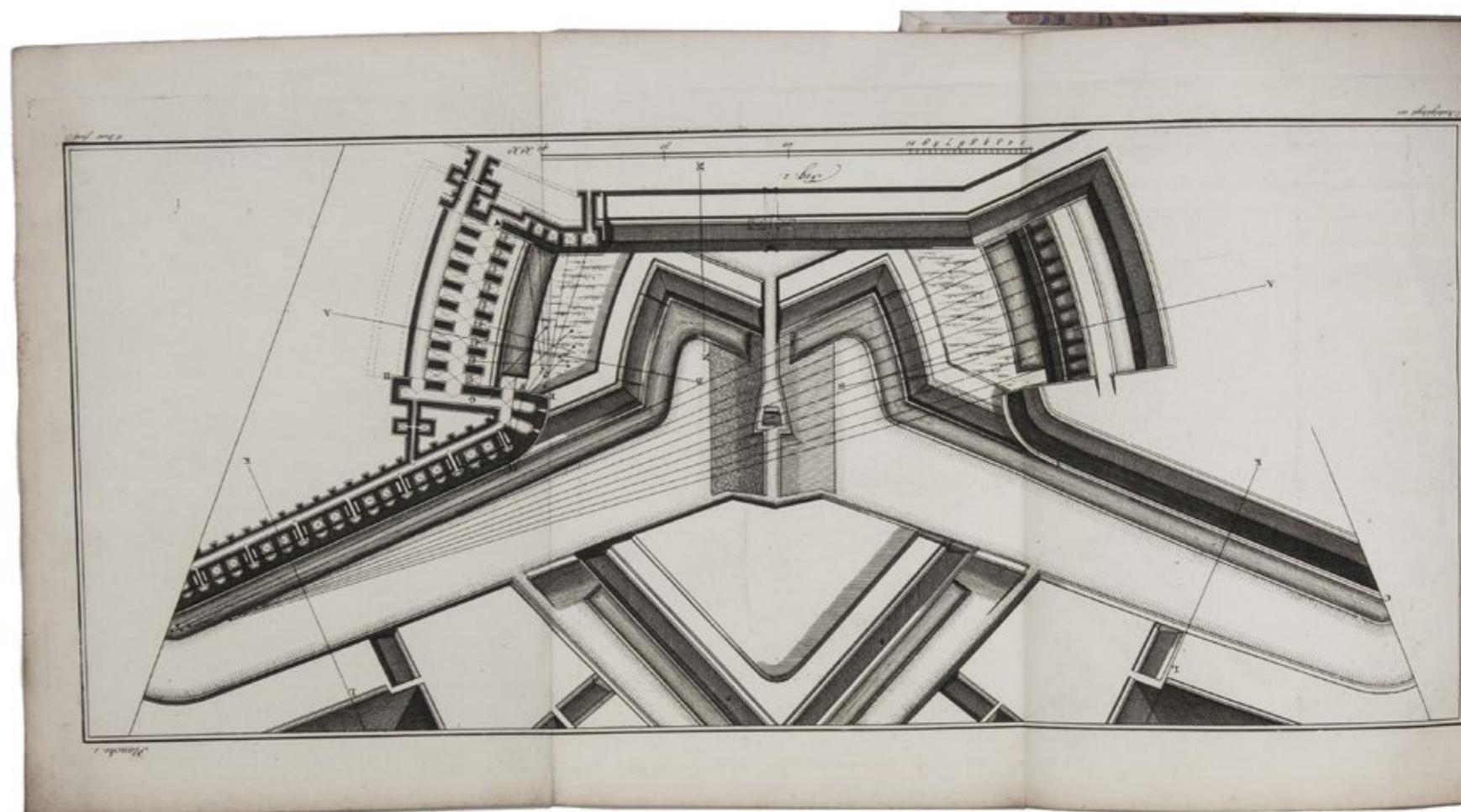
Amsterdam, printed for the author [by Izaak and Johannes Enschedé in Haarlem?], sold by Jan Punt junior, [1759]. Large 4° (23.5 × 20 cm). With 3 folding engraved plates with 14 numbered figures drawn by the author and executed by Jan Punt and 2 engravings in text. 19th-century half parchment. € 4500

Rare first and only edition of a treatise on fortification by the Dutch engineer Cornelis Redelykheid (1728–1787). It centres on methods to improve the masonry and composition of strongholds against hostile artillery and mines, and on fortifying vaults against the most powerful bombs. The large engraved plates with measured drawings include a large fortification plan and several cross-sections, profiles and elevations, many showing vaults. Although the imprint is undated, the author's dedication is dated from Amsterdam, 1759.

Cornelis Redelykheid (1728–post 1787), son of a Rotterdam mason, worked in his father's shop as a young man. He became a capable hydraulic, mechanical and fortification engineer, working for the province of Holland from 1761. The present book seems not to have been a normal commercial production but a private publication of the author, probably printed in a small number of copies.

With owner's signature. With minor water stains in an occasional leaf and the foot of one leaf somewhat dirty and tattered, but still in very good condition and with generous margins. A rare and unusually luxurious work on fortification.

[16], 121, [1] pp. Jordan 3069 (2 copies); Sloos, Warfare 8135; STCN (6 copies). [More on our website](#)



*Original study of military architecture  
for the Collegium Theresianum,  
with 22 plates*

**18. RIEGER, Christian.** Universae architecturae militaris elementa brevibus recentiorum observationibus illustrata conscripta.

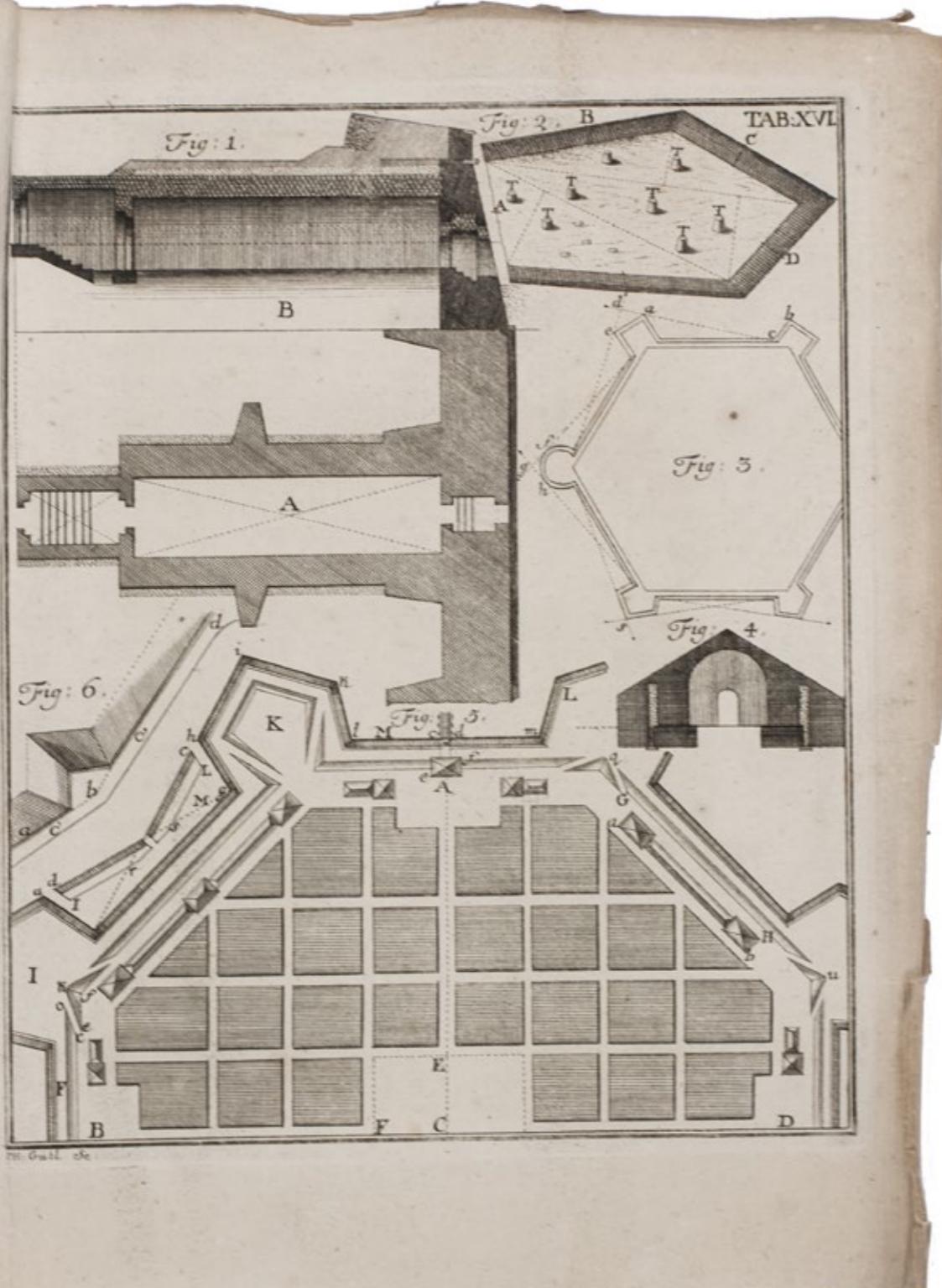
With: (2) SCHILSON, Johann Baptist von. Materia tentaminis publici.

Vienna, Johann Thomas Trattner, 1758. 2 works in 1 volume. 4°. With engraved frontispiece, 22 (folding) engraved plates, 5 letterpress folding tables, and 9 smaller military illustrations (1 on title-page, 6 as head- or tailpieces and 2 in text). Contemporary mottled, tanned sheepskin; rebacked with most of the original gold-tooled backstrip laid down. € 450

First and only edition of a study of military architecture by the Austrian professor of mathematics Christian Rieger (1714–1780), published as a follow up to his *Universae architecturae civilis elementa* (1756), “one of the few original ... works of the period to attempt a complete study of civil architecture in the compass of a small and inexpensive volume” (BAL). It is divided into three parts covering: the layout of camps, the placement of artillery and fortification, is dedicated to Maria Theresa of Austria and was in use at the Collegium Theresianum, an academy founded by the Jesuits for Maria Theresa. Bound at the end is an exam for students of the academy.

With 1777 owner’s inscription and a library stamp. The present copy doesn’t contain the errata, which were apparently added during the press run, as the leaf is here still blank. Wormholes in frontispiece and title-page, browned throughout and some occasional spots, otherwise in good condition. Binding rebacked and restored.

[12], 348, [10], [2 blank]; [20] pp. BAL 4088 note; Berlin Kat. 3546; Jähns, p. 2762; Jordan 3130; VD18 14907267.  
 [More on our website](#)



*"one of the most influential military essays of the century"* (Starkey)

**19. SAXE, Maurice de.** Memoires sur l'art de la guerre... nouvelle édition conforme à l'original, et augmentée du traité des légions, ainsi que de quelques lettres...

Dresden, Georg Conrad Walther, 1757. 8°. With 13 folding engraved plates and 3 folding letterpress tables. Contemporary mottled, tanned sheepskin, gold-tooled spine. € 450

Second edition of “one of the most influential military essays of the century” (Starkey), originally published at The Hague in 1756 as *Les rêveries*. “Saxe did not offer a new system of war, but rather a collection of ideas that sought to liberate commanders from the restraints imposed by eighteenth-century conditions and to suggest new sources of energy... the *Rêveries* should be considered to be serious, if at times whimsical, reflections of an experienced and insightful officer... Although... perhaps the least systematic of all eighteenth-century military treatises, none bears a greater imprint of Enlightenment thought” (Starkey). Maurice, count of Saxony (1696–1750), known as the “maréchal de Saxe”, was the greatest French military commander of the 18th century. Born as the illegitimate son of the King of Poland (and Elector of Saxony) he served first in the Austrian and Russian armies. After joining the French army, he achieved a number of important victories during the Wars of the Austrian and Polish Successions, for which he was rewarded with the grand title of Marshal General of France. His thoughts on warfare were originally written in 1732 and circulated in manuscript in a small group. Due to the demand for military theory after the outbreak of the Seven Years War in 1756, Saxe’s text was published posthumously.

With library stamp and shelf marks. Binding worn, with the covers and especially the spine heavily damaged. The text in good condition, with some browning and spots and a small tear in p. 355.

[i], [1 blank], [i], [1 blank], [4], 493, 91 blank], [4], [2 blank] pp. *Jahns*, p. 1503; *Sloos*, *Warfare* 03078; cf. Starkey, *War in the Age of Enlightenment*, pp. 49–52.  [More on our website](#)



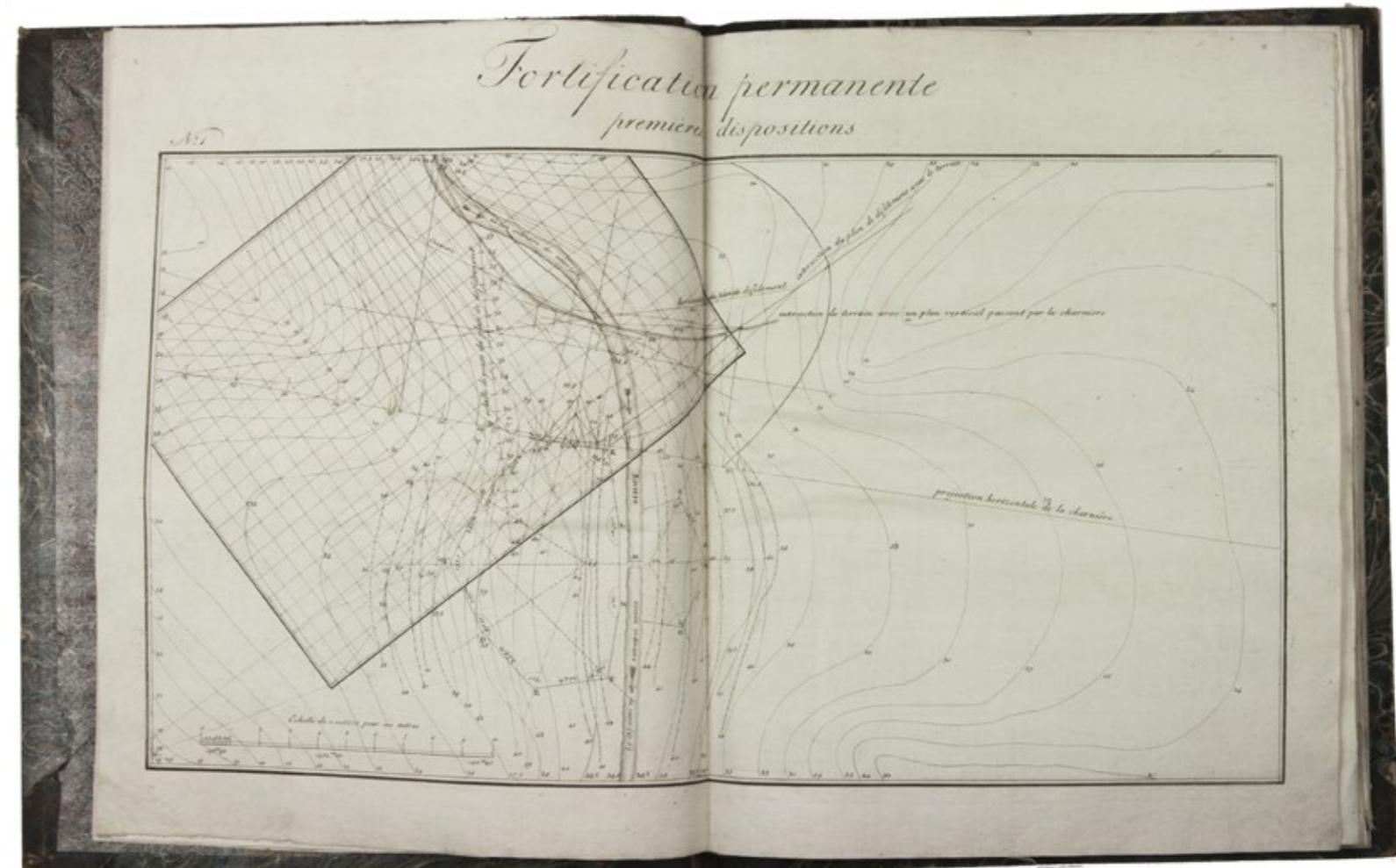
*Saint Petersburg fortification manual with 20 plates,  
dedicated to Czar Alexander I one year before Napoleon's invasion of Russia*

**20. SÉA.** Mémoire sur la fortification permanente, pour servir à la construction d'un front de fortification sur le terrain, ... Nouvelle édition. Saint Petersburg, Pluchart et comp., 1818. 2 volumes. Large 4° (26 × 21.5 cm & 27.5 × 22 cm). With 20 (of 21?) engraved plates (13 double-page and 7 large folding), and 3 full-page tables. Contemporary half-calf, gold-tooled spines. € 1500

First edition, in the very rare 1818 issue, of a Saint Petersburg fortification manual first issued in 1811, including the atlas volume of 20 engraved plates, which is rare in all issues and editions. The main series of plates shows large fortification plans and sections, including many details. The last 3 plates show 80 small figures. Most of the plates are double-page (half sheet), but 7 are larger folding plates. The author remains mysterious. The title-page calls him "Mr. Sea, élève du corps du génie de l'empire Français", but the dedication is signed "Henry Comte de Falkland". The avant-propos notes that the book presents the methods of Alexandre Magnus d'Obenheim (1753–ca. 1835/40), professor of fortification at Metz and formerly Lieutenant-Colonel in the French military engineering service. It gives a very detailed view of the methods that would have been familiar to both the French and the Russians during Napoleon's disastrous invasion of Russia in 1812.

Apparently lacking plate 3 in the main series, but otherwise in very good condition. The bindings are slightly worn in general, with a large abrasion to the marbled paper on the lower outer part of both boards of the atlas volume, but they are otherwise good. A rare Saint Petersburg fortification manual, well and extensively illustrated, of special interest in relation to Napoleon's 1812 invasion of Russia.

[12], xix, [1 blank], 284, [3], [1 blank] pp. plus plates. *WorldCat* (1 copy); *Jordan* 3482 (1 copy); *Quérard* 9, p. 5 (apparently unseen and misdated 1819); not in *Jahns*. [More on our website](#)



# *Finely illustrated manuscript handbook for architects, engineers, etc.*

**21. SIMMONDS, J.** Hints, tables &c [for mining, military engineering, architecture, etc.].

[England], 1840. (16.5 x 12 cm). Manuscript in ink on paper, in English, with numerous architectural and other illustrations in pencil and ink, many with grey and/or pink washes, on 30 pages, numerous manuscript tables. Written and illustrated partly on rectos only and partly on both rectos and versos. Contemporary English dark green gold-tooled calf, gold-tooled board edges, gold fillets on turn-ins, green ribbon marker, gilt edges. Rebacked, with the original backstrip laid down. € 2500

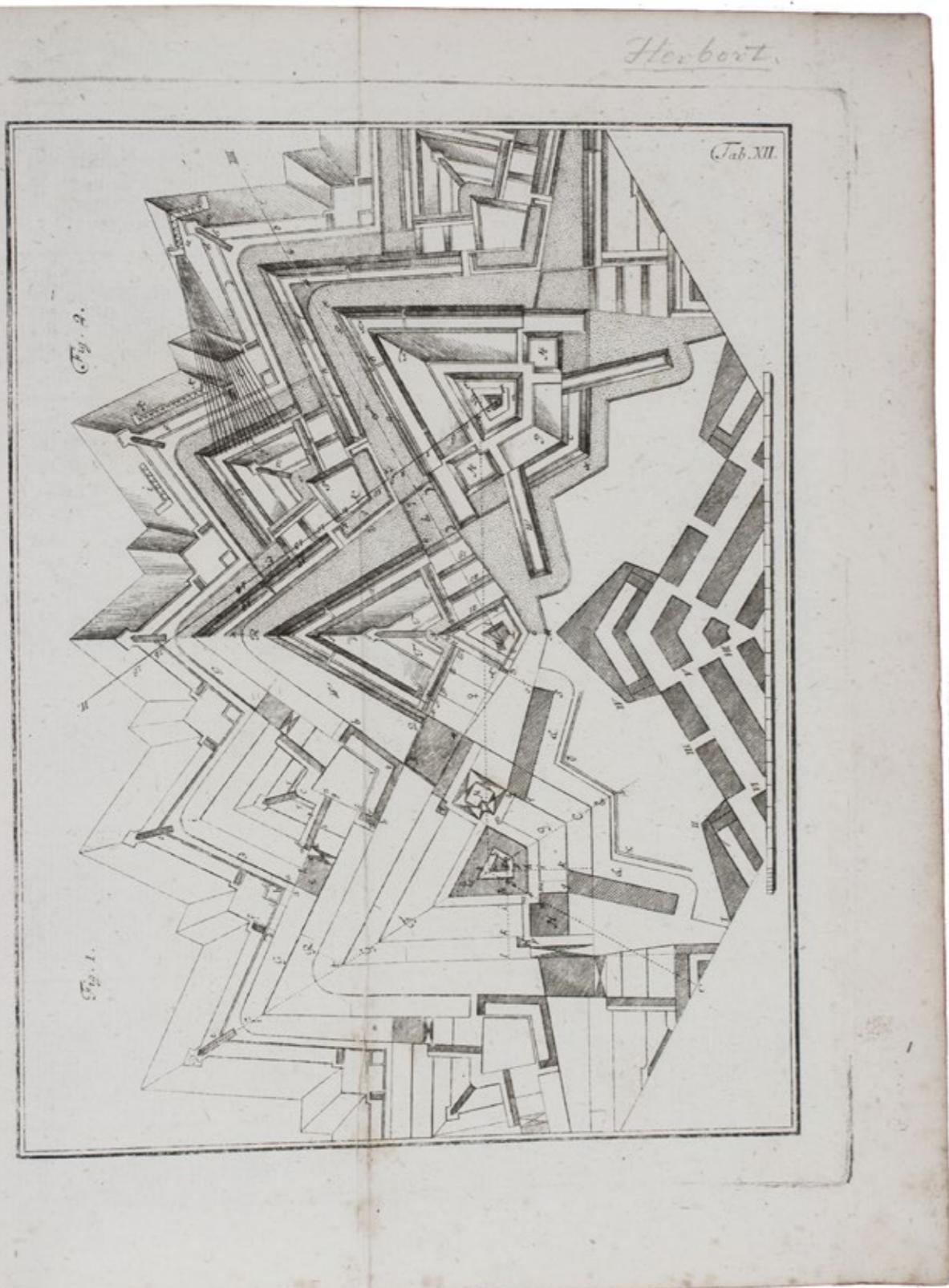
€ 2500

Very neatly written and delicately illustrated manuscript manual of applied mathematics for architects, builders, military engineers, surveyors and others, with headings including “mining”, “fractions” (and logarithms), “profils” (discussing the construction of defensive walls), (military) “batteries”, “trigonometry”, “surveying”, “protracting”, “levelling”, “to conduct water”, “extraction of [mathematical] roots”, “theory of walls”, “counterforts” (butresses), “the theory of arches”, “mensuration of vaults and arches”, “theory of timber” (on the loading of beams, etc.), “mechanic powers” (levers, pulleys, screws, etc.), “mensuration” (of surfaces and solids), “Hadley’s quadrant” (actually a reflecting octant of the modern sort, presented by Hadley in 1731), “architecture”, and other topics. Many chapters include specific examples, often presented as problems for the reader to solve.

The many delicate and precisely drafted illustrations both illustrate and clarify the theories and problems presented in the text, often including construction lines and/or measurements.

First leaf (with only the author's name and date) with a waterstain in the lower inside corner, but otherwise in very good condition. Binding neatly re-backed and with corners neatly restored. Delicately and precisely illustrated manuscript handbook of applied mathematics for architecture, military engineering, mining, etc.

[6i] ll.  More on our website



## *Manual on drawing different types of forts*

**22. SUCKOW, Laurentz Johann Daniel.** Erste Gründe der Kriegs Baukunst in einem Zusammenhange entworfen.

Frankfurt and Leipzig, Tobias Goebhardt, 1769. 4°. With an engraved illustration on title-page and 16 engraved folding plates. Contemporary mottled, tanned sheepskin, gold-tooled spine. € 850

Rare first edition of a work on military architecture by the German mathematician Laurenz Johann Daniel Suckow (1722–1801). It is divided into five sections, the first dealing with the “laws” and theory of fortification. The second and largest chapter relates how to design and draw different kinds of fortifications according to various well-known military writers, including Henrick Ruse, Christoph Heer and Menno van Coehoorn. The third deals with attacking and defending forts, the fourth with the necessary equipment for forts, and the fifth with the actual building of forts and all the necessary tools. Depicted in the engravings are schematic groundplans and profiles of different fortifications. Heavily foxed throughout, with some marginal water stains and occasional (ink) stains and spots. Plates with some minor foxing but otherwise good. Binding worn, sides chafed and spine damaged by a few wormholes. Overall a fair copy.

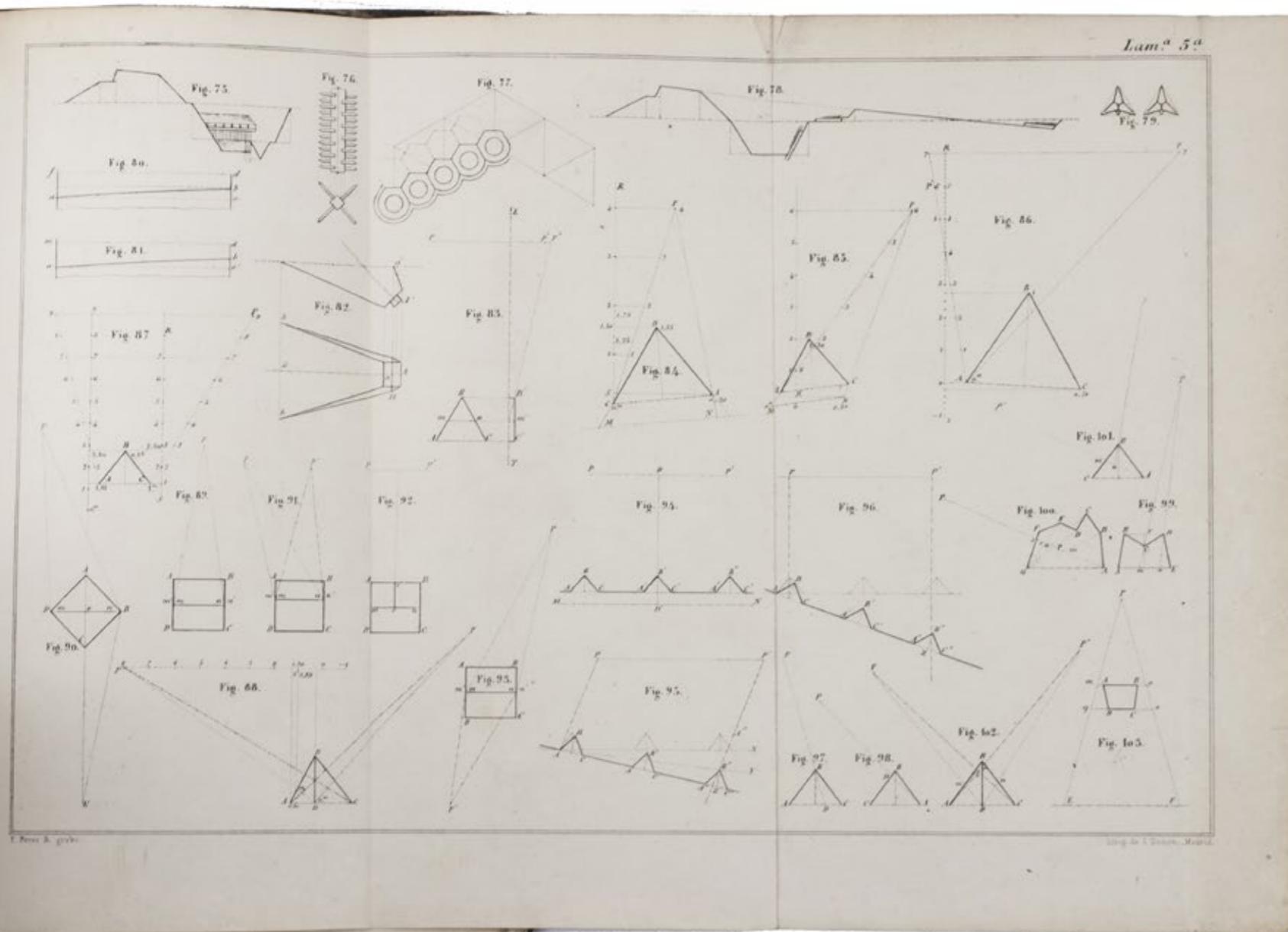
[14], 158, [5], [1 blank] pp. Jähns, p. 2772; Jordan 3695 (6 copies); WorldCat (7 copies). [More on our website](#)

## Very rare Spanish work on fortification

**23. TÁRREGA Y DE ARIAS, Bernabé.** Compendio de fortificacion para el uso de los oficiales de infantería.

Toledo, José de Cea, 1867–1869. 2 parts in 1 volume. 8°. With 7 folding lithographed plates. Contemporary green half morocco.

€ 950



Very rare enlarged second edition of a “fortification compendium for the use of the official infantry”, by Bernabé Tarrega y de Arias, consisting of two parts. The first deals with drawing and constructing (field) fortifications, entrenchments, open and closed forts, necessary tools, etc. The second part includes a brief history of fortification, discussing the fortification methods used in various countries, also including the systems of Vauban, Van Coehoorn and Cormontaigne. It also deals with attacking, defending and repairing fortifications.

Slightly browned, some occasional spots and one plate with a small tear, reinforced on the back. Otherwise in very good condition. Binding worn along the extremities, spine discoloured and with a small wormhole, right upper corner of front board torn away.

[4], 300, [3], [1 blank]; 254, [2] pp. cf. Jordan 3715 (first ed.); not in WorldCat. [More on our website](#)

*Dissertation on military architecture  
by a student of the University of Salzburg*

**24. TÖRRING-JETTENBACH, Joseph Ignaz Felix and Edmund EGG.** *Tractatus de architectura militari.*

Salzburg, Joannis Baptistae Mayr, 1700. Large 4yo (30 x 22 cm) With an engraved frontispiece, 17 engraved plates and 1 letterpress folding table. Spine reinforced with orange paper, with the frontispiece serving as provisional front wrapper and last leaf as back wrapper. € 3500

First and only edition, in the original Latin, of the dissertation on military architecture by the German mathematics and philosophy student Joseph Ignaz Felix Törring-Jettenbach (1682–1763), under supervision of the professor of mathematics Edmund Egg (1665–1717). It first explains the different terms (in both Latin and German) and different methods of fortifications. The main part of the text is devoted to explaining and solving different “problems” and “cases”, which are clarified in the engraved plates. “Eine ungewöhnlich umfangreiche und überraschend reich, auch mit Plänen ausgestattete Dissertation der Salzburger Universität” (Jähns).

Frontispiece heavily damaged, upper and lower outer corner worn off, as well as a smaller piece of the upper left corner. Nevertheless, the main illustration is still intact. First couple leaves frayed at the outer corners and slightly browned. Otherwise in good condition, with some occasional small spots.

[12], 153, [4], [1 blank] pp. Jähns, pp. 1396–1397; Jordan 3790.  More on our website



*"on military technology,  
no works had greater influence  
or enjoyed greater prestige"*  
(Guerlac)

**25. VAUBAN, Sébastien le Prestre de [and Guillaume de Lafon de Boisguérin, seigneur DESHOULIERES].** De l'attaque et de la defense des places...

The Hague, Pieter de Hondt, 1737. With 36 folding engraved plates.

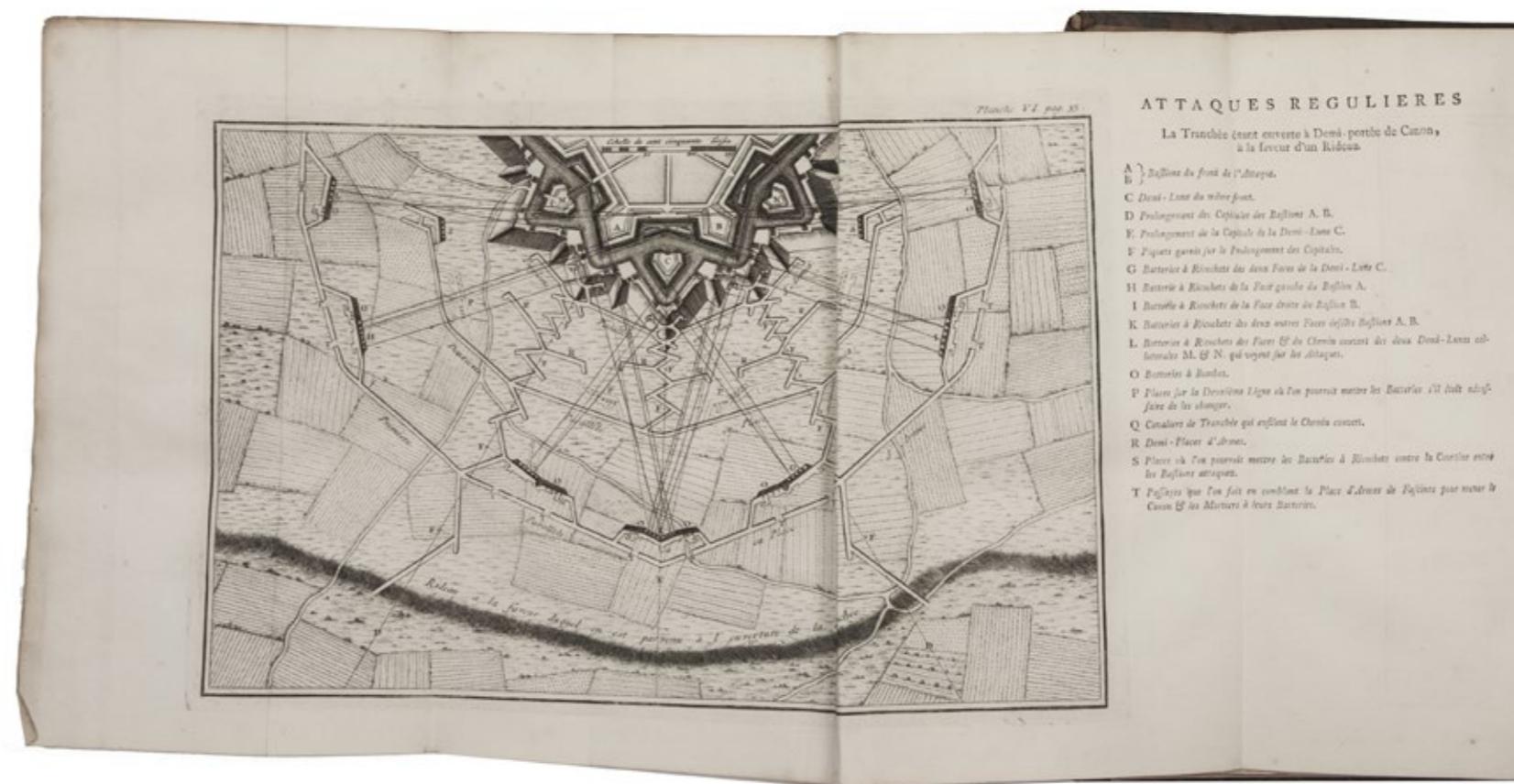
With: (2) **VAUBAN, Sébastien le Prestre de.** De l'attaque et de la defense des places... tome second. Contenant un traité pratique des mines,... et une autre de la guerre en general...

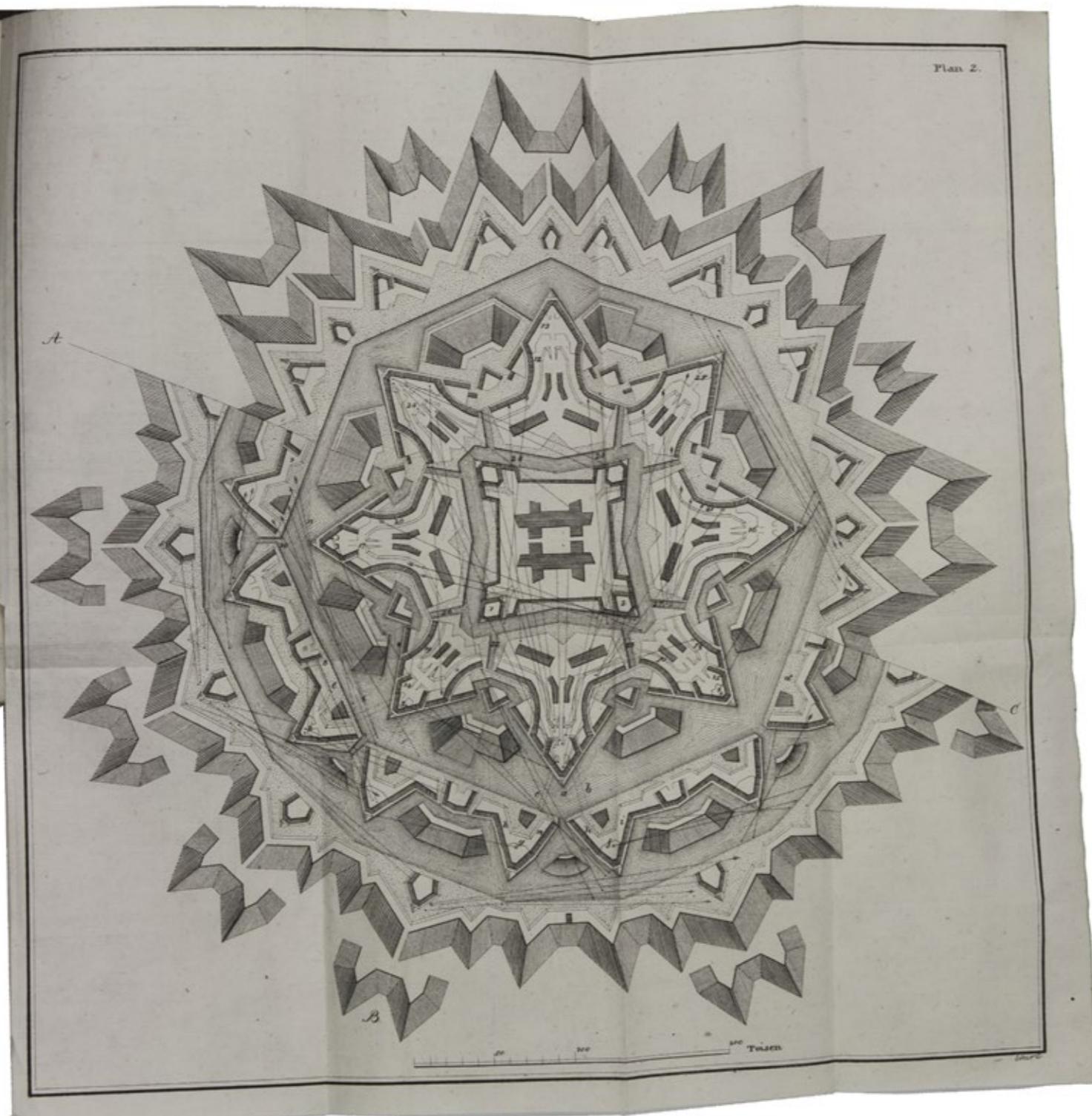
The Hague, Pieter de Hondt, 1742. With 11 folding engraved plates. 2 works in 1 volume. Large 4° (26.5 x 20.5 cm). Contemporary mottled calf, richly gold-tooled spine. € 4500

First edition of Vauban's treatises on siegework and military mining. Of all the 17th- and 18th-century books "on military technology, no works had greater influence or enjoyed greater prestige than those of Sébastien Le Prestre de Vauban, the great military engineer of the reign of Louis XIV" (Guerlac). Although a highly practical man and not a theoretician, Vauban had written down the secrets of his success in the building and capturing of fortresses between 1669 and 1704. Vauban's strategic superiority could only remain if this information was kept secret, so his texts circulated only within a very select circle. After Vauban's death they were leaked. In the dedication and introduction the Dutch publisher describes how he managed to obtain a copy, which was so expensive, partly due to the many illustrations, that only princes, ambassadors "et autres seigneurs" could afford it. "By the time the treatises became available, Vauban's early readers must have been ready to believe that the text finally being made public did in fact contain incredible military secrets and have the power to make nations invincible. No other treatise of siegework had been surrounded by such secrecy" (DeJean). The first volume published in 1737 did not contain all the master's secrets. It contained Vauban's treatise on the attack of fortified places, but the added part on defence was actually written by a colleague, seigneur Deshoulières (1621–1693). A second volume, published in 1742, contained Vauban's treatise on military mining (first published in 1740) and a general treatise on war written by another "eminent officer".

With library stamps. Binding worn and front hinge cracked. Water stained throughout with some spots and a few small tears; otherwise still a good copy.

[1], [1 blank], [18], 216; [1], [1 blank], [14], "180" [=188], [34] pp. Dejean, *Literary fortifications*, pp. 34–36; Jähns, pp. 1419–1420, 1426–1429; Sloos, *Warfare* 03045; STCN (vol. 1: 4 copies; vol. 2: 5 copies); cf. Guerlac, "Vauban" in: Paret (ed.), *Makers of modern strategy*, pp. 64–90. More on our website





*Attacking and defending fortifications,  
including fortresses in Sweden*

**26. VIRGIN, Johan Bernhard and Joseph von XYLANDER (translator).** Vertheidigung der Festungen im Gleichgewichte mit dem Angriffe derselben. ... Mit 14 Planen.

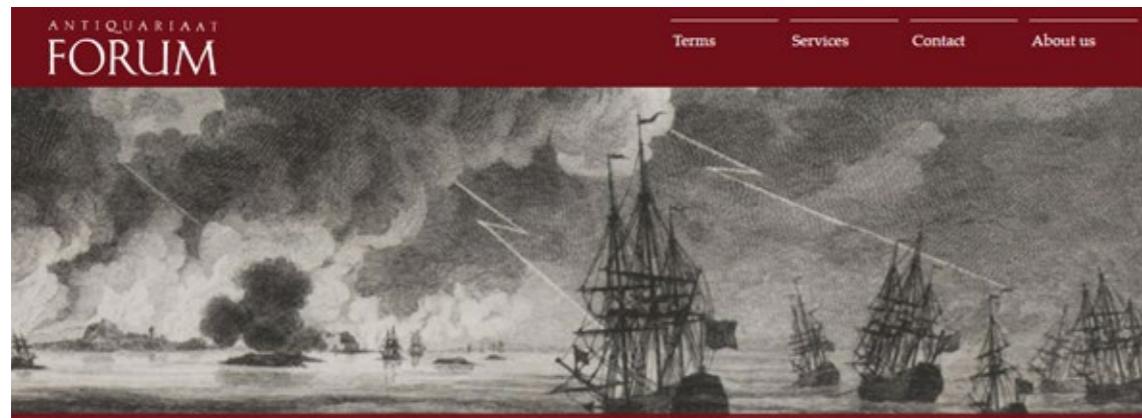
München, Joseph Lindauer, 1820. 8°. With 14 folding engraved plates. Contemporary tanned half sheepskin. € 1250

First and only edition of the German translation of a work on attacking and defending fortresses, by the Swedish major general Johan Bernhard Virgin. The work is divided into two parts, the first dealing with the faults in the existing forts, particularly in Sweden, with remarks on how to make them more sufficient. Virgin describes, for example, new and improved ways for placing cannons and mortars. The second section notes new fortification systems and explains how to attack and defend them. The 14 very detailed plates show different types and shapes of fortifications, and can be folded out to be viewed while reading. With three different library stamps and one small bookplate. Browned and foxed throughout, with the plates still in very good condition. Binding rubbed along the extremities. Overall a good copy.

xxiv, 416 pp. Jordan 3983 (9 copies). More on our website

# *More books, maps, manuscripts & drawings on fortification & siegework available at our websites:*

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AA, Cornelis van der (ill. by Dirk de JONG, Hendrik KOBELL jr. and Mattheus SALLIETH).  
Atlas van de zeehavens der Bataviaansche Republiek, die van Batavia en Onrust. Mitsgaders de afbeeldingen van de haring visscherij en de walvisch vangst. In een-en-dertig kunstplaaten naar het leven afgebeeld ...  
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[Full description](#)

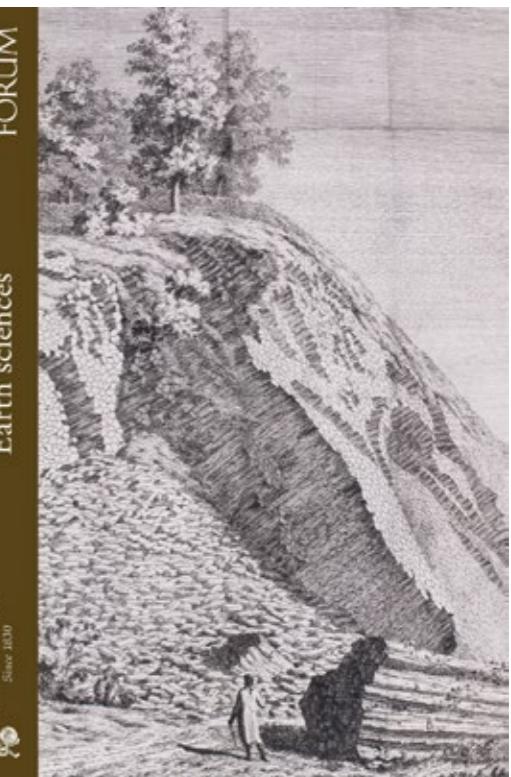
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Travels to the West Indies during the years 1521-1524.



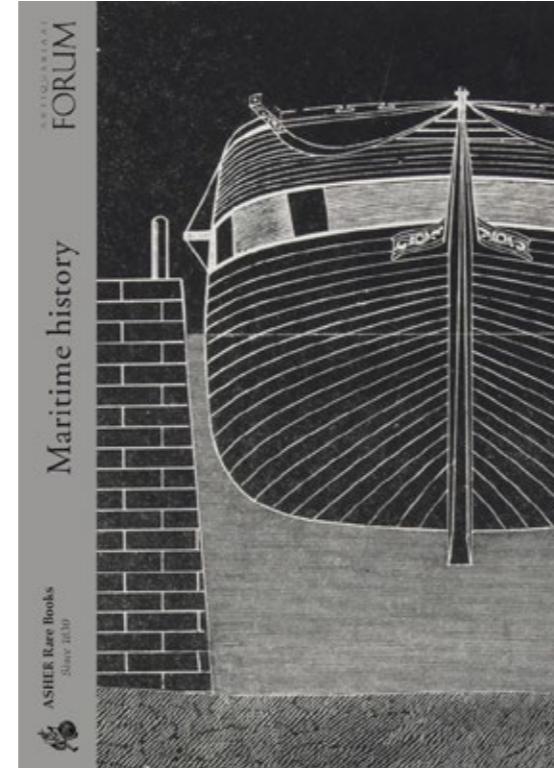
Women & society



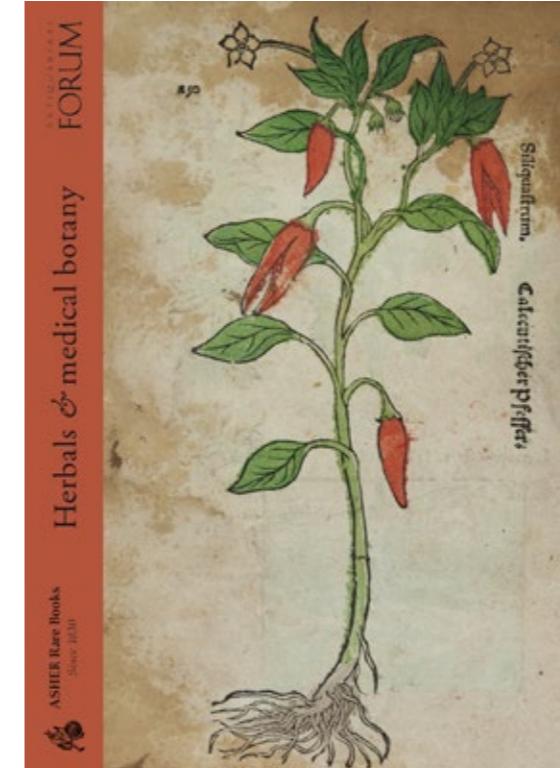
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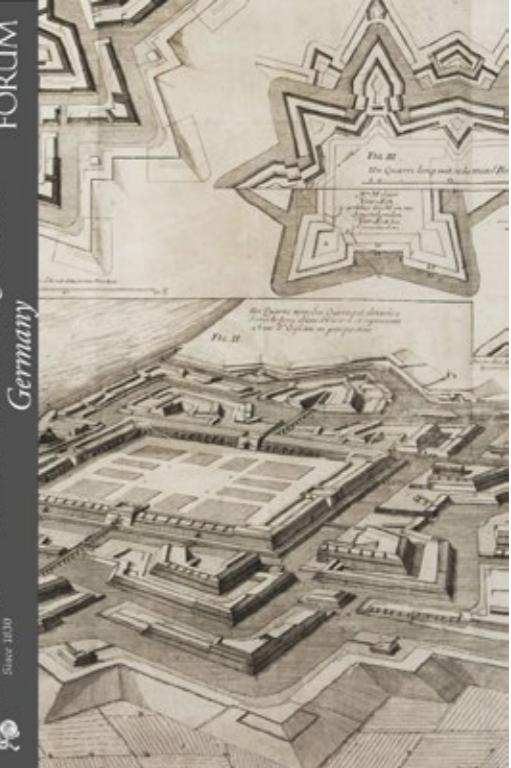
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